



LEGEND3

SCHEDULE5

KEYNOTES.....23

INVITED TALKS.....27

STAGES.....33

RESEARCH.....85

DESTINATION93





Valtech is a global provider of high performance enterprise software development, business and technology consulting and organizational transformation services. With lead intellect in agile and iterative development methods and best practices, software quality and IT knowledge transfer, Valtech provides a refreshing approach capable of delivering sure-fire results and IT self-sufficiency in any fast-paced business environment.

Founded in 1993, Valtech is listed on the Paris stock exchange and is a member of the SBF 120 (EURONEXT: LTE). With global consultants and engineers, all of whom are defined by their integrity, attitude, aptitude, passion and innovation, the company operates through 14 offices located in the US, Europe and Asia.



ENTERPRISE TECHNOLOGY SERVICES

At Valtech we help our clients become not only IT leaders but true business leaders; we help them create value, sustain infrastructure and propel growth, all while cutting costs.

Key solution areas

Back-office operations, Production & Distribution, Enterprise Application Integration, Business Intelligence, Enterprise Mobility and Collaboration, Environment and infra, Cloud platforms

Key Services

Consulting, Architecture, Build Test, Integrate, Deploy and Manage, Professional Services

AGILE CONSULTING SERVICES

At Valtech, we help companies build agile, human-centric and performance-driven cultures, improving not just the software development process, but transforming the whole organization.

Agile Transformation Services

- Agile Skills Enablement: Individual, Team, & Corporate
- Agile Coaching and Mentoring
- Agile Centre of Excellence Set-up and Management
- Specific Process Introduction, and Optimization

Agile Engineering Services

- Engineering Processes & Practices Optimization
- Tools evaluation, selection & implementation
- Tools integration and be-spoke adaptor development
- Automation test script development & testing
- Be-spoke engineering tools development (Integration and Analytics)
- Strategic resourcing & Capacity augmentation
- Turn-key consulting & project execution services

MARKETING TECHNOLOGY SERVICES

At Valtech we help our marketing clients take fast action and become more responsive to their consumers. We make them agile marketers.

Key solution areas

Digital Strategy, B2C & B2B e-Commerce, Content Management Systems, Product Information Management, Digital Asset Management, Collaboration, Customer Relationship Management, Digital Performance & Analytics, SEO & SEM

Key Services –

Research & Analysis Services, Digital Marketing Intelligence, Digital Strategy Consulting, Digital Concept Creation, Enterprise technologies services

LOOK OUT FOR
VALTECH'S
AGILE SURVEY & WIN
EXCITING GOODIES



MEMBERSHIP BENEFITS for ORGANIZATIONS & INDIVIDUALS



BENEFITS for ORGANIZATIONS

Enhance your organization's presence within the Agile community by joining the premier trade organization for Agile companies and professionals. Foster your own Agile success while promoting your organization to potential partners, customers and employees. For inquiries contact Phil Brock, membership@agilealliance.org

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The perfect fit for organizations practicing Agile, those that provide products or services that advance Agile software development, and non-profit industry organizations. You will receive a full listing in the Member Organizations Directory at AgileAlliance.org, and your logo will be prominently displayed throughout our website.

MAKE VALUABLE CONNECTIONS WITHIN THE AGILE COMMUNITY

- Promote your organization with a downloadable brochure
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- Find agile talent by linking to your job openings

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Agile Alliance's annual conference is widely regarded as the premier international Agile conference. Each year, Agile Alliance hosts the world's leading Agile experts, practitioners and thought leaders for a week of exploration, collaboration, and learning. As the largest conference of its kind, this annual event offers a unique opportunity to gain high-value visibility with numerous opportunities to connect with Executives, Product Managers, Developers, Consultants, Academics and more.

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~ Keep up to date on what's happening in the Agile Community through the Agile Alliance newsletter, and our website listings of Agile news, events and books of interest.

~ Member discounts on registration for our annual Agile201x Conference

~ Discounts on products and services from Member organizations

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Join us for the Agile event of the year August 13-17, in Dallas TX
<http://agile2012.agilealliance.org/>

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"We support your success with our commitment to advancing Agile development principles and practices that deliver higher value faster, and make the software industry more productive, humane, and sustainable."

~ PHIL BROCK | MANAGING DIRECTOR

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“We’ve tried our best to organize a conference that we would enjoy attending ourselves. Hope you walk away with fresh ideas which refine existing ones.”

Naresh Jain, Conference Chair, Agile India 2012

Leadership and Organizational Transformation	
Invited Talk	
Agile and Outsourcing	
Agile Development Practices	
Culture, People and Teams	
Lean Principles and Practices	
Agile Product Management	
Enterprise Agile	
Lightning Talk	
Keynote	
Develops	
Lean Startups	
Research Cafe	
Coaching and Mentoring	

Talk	
Workshop	
Experience report	
Research Presentation	
Tutorial	
Demonstration	
Panel	
Lightning Talk	
Fish Bowl	
Other	

INTRODUCTORY	
PRACTICING	
EXPERT	

09:00 - 09:30	OPENING TALK					
CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
09:30 - 10:30	09:30 - 10:30	09:30 - 10:30	09:30 - 10:30	09:30 - 10:30	09:30 - 10:30	09:30 - 10:30
Conquer Chaos Designing the Business System for Agility Mike Russell Leadership and Organizational Transformation I INTRODUCTORY Talk	Product Development In India Atul Chitnis Invited Talk E EXPERT Talk	The Childish Indian - Or How To Avoid The Negative Cultural Stereotype Jonas Auken Agile and Outsourcing P PRACTICING Talk	Programmer Anarchy Fred George Agile Development Practices P PRACTICING Talk	World War 4 talent! Jill Caporrimo, Belkis Vasquez-McCall Culture, People and Teams P PRACTICING Experience report	Theory of Constraints: a fun and easy way to learn it. Masa K Maeda Lean Principles and Practices I INTRODUCTORY Tutorial	So you want to build something? Now what? Jennifer Onggowidjaja Agile Product Management I INTRODUCTORY Experience report
10:30 - 10:45	BREAK - Coffee/Tea					
10:45 - 12:15	10:45 - 12:15	10:45 - 12:15	10:45 - 12:15	10:45 - 12:15	10:45 - 12:15	10:45 - 12:15
Confronting Business Uncertainty Charlie Rudd Leadership and Organizational Transformation P PRACTICING Talk	Portfolio Management - Figuring Out How to Say When and Why Howard Deiner Agile Product Management I INTRODUCTORY Tutorial	Agile Project Outsourcing - Dealing with RFP and RFI Ravi Kumar Agile and Outsourcing P PRACTICING Workshop	The Art of Splitting Features and Epics into Playable Stories Tarang Baxi Agile Development Practices P PRACTICING Workshop	Tackle Culture or Face Failure Mike Russell Culture, People and Teams I INTRODUCTORY Tutorial	Lean Workflow: A Parable in Pictures William Rowden Lean Principles and Practices I INTRODUCTORY Talk	The Empirical Process - at the very core of Agile Daniel Brolund Enterprise Agile I INTRODUCTORY Workshop
12:15 - 01:15	LUNCH					
01:15 - 02:45	01:15 - 02:45	01:15 - 02:45	01:15 - 02:15	01:15 - 02:15	01:15 - 02:15	01:15 - 02:45
Lean Value Innovation Masa K Maeda Organizational Transformation P PRACTICING Talk	Ready to be successful as an Agile Product Manager? Anupam Kundu Agile Product Management P PRACTICING Talk	Cross-Cultural Impediments in Distributed Scrum Teams Line Mark Rugholt Agile and Outsourcing P PRACTICING Workshop	Applying Agile to Off the Shelf Product Implementations Nirmal Merchant Agile Development Practices P PRACTICING Experience report	Collaboration lessons from the Rainbow Nation Aslam Khan Culture, People and Teams P PRACTICING Talk	Using Lean practices in Agile Fixed Bid project Santhana Krishnan Lean Principles and Practices P PRACTICING Experience report	Managing dependencies to create value Lars Arne Skär Enterprise Agile P PRACTICING Workshop
			02:15 - 02:45	02:15 - 02:45	02:15 - 02:45	
			So You Think You Know How To Think? James Ross Invited Talk E EXPERT Talk	Attention Middle Management chickens : discover the path to becoming a pig Anila George Culture, People and Teams P PRACTICING Talk	Implementing the Lean concepts of Continuous Improvement and Flow on an Agile Software Development Project - An Industrial Case Study Balachander Swaminathan Lean Principles and Practices P PRACTICING Research Presentation	

02:45 - 03:00			BREAK - Coffee/Tea			
CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
03:00 - 04:00 Structured freedom with rules and strategies <i>Prabhakar Karve</i> Leadership and Organizational Transformation P PRACTICING Talk	03:00 - 04:00 The PO Role - Can you hear me now? <i>Belkis Vasquez-McCall</i> Agile Product Management I INTRODUCTORY Experience report	03:00 - 04:00 Offshore Outsourcing and Agile: body of knowledge building offshore teams <i>Alexey Krivitsky</i> Agile and Outsourcing I INTRODUCTORY Talk	03:00 - 04:00 So you think you can estimate? - The lost art of useful estimates <i>Megan Folsom</i> Agile Development Practices I INTRODUCTORY Workshop	03:00 - 04:00 The Holistic Programmer <i>Jonas Auken</i> Culture, People and Teams I INTRODUCTORY Talk	03:00 - 04:00 Kanban for Software Projects - A Practitioner's view of 'Pull' in projects <i>Govindarajan S Sundararajan</i> Lean Principles and Practices I INTRODUCTORY Demonstration	03:00 - 04:00 Agile Governance <i>Asheesh Mehdiratta</i> Enterprise Agile P PRACTICING Workshop
04:00 - 05:00 Risks and strategies : Adopting Agile in medium and large organization <i>SaiHo Yuen</i> Leadership and Organizational Transformation P PRACTICING Talk	04:00 - 05:00 Autopsy of a failed agile project or Death of a thousand cuts <i>Evan Leybourn</i> Enterprise Agile P PRACTICING Talk	04:00 - 05:00 Lean Coffee or an Introduction to Personal Kanban <i>Alexei Zhiglov</i> Lean Principles and Practices I INTRODUCTORY Workshop	04:00 - 04:30 Our Journey To Lean-Startup <i>Kapil Mohan</i> Invited Talk E EXPERT Talk	04:00 - 04:30 Investigating Equity of Participation in Pair Programming <i>Laura Plonka et. al</i> Culture, People and Teams P PRACTICING Research Presentation	04:00 - 05:30 Governance Patterns and Ensuring Success in Distributed Agile Projects <i>Raja Bavani</i> Agile and Outsourcing E EXPERT Talk	04:00 - 05:00 Continuous Feedback <i>Sam Guckenheimer</i> Agile Product Management P PRACTICING Talk
			04:30 - 05:30 Managing Scope Creep in Development Projects <i>Dhivya Arunagiri</i> Agile Development Practices P PRACTICING Talk	04:30 - 05:00 The Story of Sitting Together <i>Nirmal Merchant, Zainab Alikhan</i> Culture, People and Teams P PRACTICING Experience report		
05:00 - 05:30 Product vs Project <i>Vivek Prahlaad</i> Invited Talk E EXPERT Talk	05:00 - 05:30 Agile & Lean Six Sigma <i>Sunil Kutty</i> Invited Talk E EXPERT Talk	05:00 - 05:30 Kanban - Evolutionary or Revolutionary? <i>Mahesh Singh</i> Invited Talk E EXPERT Talk		05:00 - 05:30 Lightning Talk Lightning Talk P PRACTICING Lightning Talk		05:00 - 05:30 The Three Amigos - Collaborating to Build the Right Thing Right <i>George Dinwiddle</i> Invited Talk E EXPERT Talk

CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
09:00 - 09:45						
<div>Building Sustainable Organizations: Easy is not an option! The Story of Freeset.</div> <div>John Sinclair</div> <div>Keynote</div> <div><div>I</div>INTRODUCTORY Talk</div>						
09:45 - 10:30						
<div>Agile Is Not the Easy Way Out... But it works!</div> <div>Rebecca Parsons</div> <div>Keynote</div> <div><div>P</div>PRACTICING Talk</div>						
10:30 - 10:45						
BREAK - Coffee/Tea						
10:45- 11:15		10:45 - 12:15	10:45 - 12:15	10:45 - 12:15	10:45 - 12:15	10:45 - 12:15
<div>How to Anticipate and Deal with Changes</div> <div>Tathagat Verma</div> <div>Invited Talk</div> <div><div>E</div>EXPERT Talk</div>		<div>Distributed Scrum: Why some teams make it work well and others don't</div> <div>William Rowden</div> <div>Agile and Outsourcing</div> <div><div>P</div>PRACTICING Workshop</div>	<div>Practices for Agile Database Development</div> <div>Pramod Sadalage</div> <div>Agile Development Practices</div> <div><div>I</div>INTRODUCTORY Tutorial</div>	<div>Collaborative design and low fidelity prototyping for Agile teams</div> <div>Anu Ramaswamy</div> <div>Agile Product Management</div> <div><div>P</div>PRACTICING Workshop</div>	<div>Kanban primer</div> <div>Masa K Maeda</div> <div>Lean Principles and Practices</div> <div><div>I</div>INTRODUCTORY Workshop</div>	<div>Communicating like you know each other in distributed agile projects</div> <div>Lars Arne Skär</div> <div>Culture, People and Teams</div> <div><div>I</div>INTRODUCTORY Tutorial</div>
11:15 - 12:15						
<div>Is Agile Democratic?</div> <div>Greg Hutchings, Rebecca Parsons, Scott Ambler, Fred George, Sujatha Balakrishnan and Naresh Jain</div> <div>Invited Talk</div> <div><div>I</div>INTRODUCTORY Panel</div>						
12:15 - 01:15						
LUNCH						

CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
01:15 - 01:45 Emergence of Agile Methods: Perceptions from Software Practitioners in Malaysia <i>Jeeson Daniel J.</i> Organizational Transformation P PRACTICING Research Presentation	01:15 - 01:45 Predictability & Agile projects : Are they oxymoron? <i>Balasubramaniam Muthusamy</i> Enterprise Agile P PRACTICING Experience report	01:15 - 02:45 Identifying and Eliminating Waste in Complex Product Development Organizations <i>Ken Power, Kieran Conboy</i> Lean Principles and Practices P PRACTICING Workshop	01:15 - 02:45 Agile Engineering Practices and Tools <i>Lars Arne Skär</i> Agile Development Practices I INTRODUCTORY Tutorial	01:15 - 02:15 Workplay: The gamified future of agile development <i>Matthew Philip</i> Culture, People and Teams P PRACTICING Talk	01:15 - 01:45 Continuous Deployment Demystified <i>Naresh Jain</i> Develops I INTRODUCTORY Demonstration	01:15 - 02:45 Practical Product Ownership: balancing strategy and development <i>Aslam Khan</i> Agile Product Management P PRACTICING Talk
01:45 - 02:45 Big Bang Agile Roll-out <i>Matt Anderson</i> Leadership and Organizational Transformation I INTRODUCTORY Talk	01:45 - 02:45 An appreciative inquiry into an exceptionally successful Agile project <i>Chirag Doshi, Dhaval Doshi</i> Enterprise Agile P PRACTICING Experience report				01:45 - 02:45 Continuous Delivery for a Song <i>Leena N, Vaidyanathan B</i> Develops I INTRODUCTORY Demonstration	
				02:15 - 02:45 Visualisation and Self-organisation <i>Siddharta Govindaraj</i> Invited Talk E EXPERT Talk		
02:45 - 03:00	BREAK - Coffee/Tea					

CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
<p>03:00 - 04:00</p> <p>The Continuing Adventures of Yahoo's Agile Transformation Keith Nottonson Leadership and Organizational Transformation P PRACTICING Experience report</p>	<p>03:00 - 04:00</p> <p>Agile Governance Charlie Rudd Enterprise Agile P PRACTICING Talk</p>	<p>03:00 - 04:00</p> <p>We visualized, we saw, we changed Ville Svård Develops I INTRODUCTORY Talk</p>	<p>03:00 - 04:00</p> <p>Principles and Architecture of Sahi: Web Automation Simplified Narayan Raman Invited Talk E EXPERT Talk</p>	<p>03:00 - 04:00</p> <p>Turning into an Agile Engineering Manager Debashis Banerjee Culture, People and Teams P PRACTICING Talk</p>	<p>03:00 - 04:00</p> <p>Metrics as learn and change agents Gaetano Mazzanti Lean Principles and Practices P PRACTICING Talk</p>	<p>03:00 - 03:30</p> <p>PMBOK Guide and Agile Rory McCorkle, Priya Sethuraman Invited Talk I INTRODUCTORY Talk</p>
						<p>03:30 - 04:00</p> <p>Innovation Jams: Lessons in Agile Product Development John Haniotis Agile Product Management E EXPERT Experience Report</p>
<p>04:00 - 05:00</p> <p>Case Study: Customer Collaboration over Contract Negotiation Dinesh Sharma Leadership and Organizational Transformation P PRACTICING Experience report</p>	<p>04:00 - 05:00</p> <p>Migrating Legacy Code to an Agile Architecture Matt Anderson Enterprise Agile I INTRODUCTORY Talk</p>	<p>04:00 - 05:00</p> <p>Coping with Continuous Integration at Scale Tom Sulston, Tom Duckering DevOps I EXPERT Talk</p>	<p>04:00 - 05:00</p> <p>How to Approach Refactoring?" Venkat Subramaniam Invited Talk I INTRODUCTORY Talk</p>	<p>04:00 - 05:30</p> <p>A Retrospective of Retrospectives Chirag Doshi, Dhaval Doshi Culture, People and Teams P PRACTICING Workshop</p>	<p>04:00 - 05:00</p> <p>Indwelling and outflowing, applying the JIDOKA principle Mosesraj R, Smitha Thumbikkat Lean Principles and Practices I INTRODUCTORY Tutorial</p>	<p>04:00 - 05:30</p> <p>The Survival Guide for New Agile Coaches Dave Rooney Coaching and Mentoring P PRACTICING Workshop</p>
<p>05:00 - 05:30</p> <p>Organizational Dysfunctions - Agile to the Rescue Vinod Malhotra Invited Talk I INTRODUCTORY Talk</p>	<p>05:00 - 05:30</p> <p>Measuring Agility and Deliver Business Goals - Valtech Case Study Guy Duncan Invited Talk P PRACTICING Talk</p>	<p>05:00 - 05:30</p> <p>Comparative Experiments of Agile Software Development Keiko Shimazu DevOps P PRACTICING Research Presentation</p>	<p>05:00 - 05:30</p> <p>Bridging The Communication Gap and Continuous Delivery Masood Jan Agile Development Practices P PRACTICING Experience report</p>	<p>05:00 - 05:30</p> <p>Lightning Talk Lightning Talk P PRACTICING LightningTalk</p>		

CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
<p>09:00 - 10:30</p> <p>Applying Innovathon, a systematic innovation model to customer development</p> <p>Akkiraju Bhattiprolu, Vinay Dabholkar</p> <p>Lean Startups</p> <p>E EXPERT Workshop</p>	<p>09:00 - 10:00</p> <p>Bridging the gap between agile project teams and your traditional HR department</p> <p>Thushara Wijewardena</p> <p>Enterprise Agile</p> <p>E EXPERT Talk</p>	<p>09:00 - 10:00</p> <p>DevOps Counseling: 10 ways to help your Dev and Ops people love each other.</p> <p>Tom Sulston</p> <p>DevOps</p> <p>P PRACTICING Talk</p>	<p>09:00 - 10:30</p> <p>Exploratory testing for agile teams (hands on)</p> <p>Pradeep Soundararajan</p> <p>Agile Development Practices</p> <p>P PRACTICING Workshop</p>	<p>09:00 - 10:00</p> <p>Whirligigs and Mountains: Agile Product Development in a Large Enterprise</p> <p>Satish Sukumar, Nagaraju Pappu</p> <p>Enterprise Agile</p> <p>P PRACTICING Experience report</p>	<p>09:30 - 10:30</p> <p>Making IT Flow: Lean Inventive Systems Thinking for Software and Knowledge Work</p> <p>Karthikeyan Iyer</p> <p>Lean Principles and Practices</p> <p>E EXPERT Tutorial</p>	<p>09:30 - 10:30</p> <p>Slowing down to Speed up: Encouraging sustainable pace in teams</p> <p>Rahul Sawhney</p> <p>Coaching and Mentoring</p> <p>P PRACTICING Workshop</p>
	<p>10:00 - 10:30</p> <p>Implementing Agile within the Australian Public Service</p> <p>Evan Leybourn</p> <p>Enterprise Agile</p> <p>I INTRODUCTORY Talk</p>	<p>10:00 - 10:30</p> <p>From DevOps to NoOps: The JIRA development team's journey to NoOps freedom</p> <p>Bryce Johnson</p> <p>DevOps</p> <p>P PRACTICING Experience report</p>		<p>10:00 - 10:30</p> <p>Research Cafe</p> <p>Rashina Hoda</p> <p>Research Cafe</p> <p>I INTRODUCTORY Talk</p>		
10:30 - 10:45			BREAK - Coffee/Tea			
<p>10:45 - 11:15</p> <p>TenMiles' Product Development Journey</p> <p>Shalin Jain</p> <p>Invited Talk</p> <p>E EXPERT Talk</p>	<p>10:45 - 11:15</p> <p>Influences on Agile Practice Tailoring in Enterprise Software Development</p> <p>Julian Bass</p> <p>Enterprise Agile</p> <p>P PRACTICING Research Presentation</p>	<p>10:45 - 11:15</p> <p>(Cont.d) From DevOps to NoOps: The JIRA development team's journey to NoOps freedom</p> <p>Bryce Johnson</p> <p>DevOps</p> <p>P PRACTICING Experience report</p>	<p>10:45 - 12:15</p> <p>Beheading the legacy beast</p> <p>Daniel Brolund</p> <p>Agile Development Practices</p> <p>P PRACTICING Tutorial</p>	<p>10:45 - 11:15</p> <p>Agile Practices in Higher Education: A Case Study</p> <p>Venkatesh Kamat, Shailaja Sardesai</p> <p>Research Cafe</p> <p>P PRACTICING Research Presentation</p>	<p>10:45 - 12:15</p> <p>(Cont.d) Making IT Flow: Lean Inventive Systems Thinking for Software and Knowledge Work</p> <p>Karthikeyan Iyer</p> <p>Lean Principles and Practices</p> <p>E EXPERT Tutorial</p>	<p>10:45 - 12:15</p> <p>The coaching conversation as driver towards great results</p> <p>Bent Myllerup</p> <p>Coaching and Mentoring</p> <p>P INTRODUCTORY Tutorial</p>
<p>11:15 - 12:15</p> <p>Launching a Minimum Viable Product in a month</p> <p>Aakash Dharmadhikari, Jasim A Basheer</p> <p>Lean Startups</p> <p>P PRACTICING Experience report</p>	<p>11:15 - 12:15</p> <p>Agile Enterprise Architecture? Oxymoron or Savior?</p> <p>Scott Ambler</p> <p>Enterprise Agile</p> <p>E EXPERT Talk</p>	<p>11:15 - 12:15</p> <p>The power of DevOps - Transforming a Big Enterprise Group into a Super Agile one</p> <p>Yashasree Barve</p> <p>DevOps</p> <p>P PRACTICING Talk</p>		<p>11:15 - 11:45</p> <p>Integration Analysis of Security Activities from the perspective of agility</p> <p>Sonia</p> <p>Research Cafe</p> <p>P PRACTICING Research Presentation</p>		

CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
11:15 - 12:15 (Cont.d) Launching a Minimum Viable Product in a month <i>Aakash Dharmadhikari, Jasim A Basheer</i> Lean Startups P PRACTICING Experience report	11:15 - 12:15 (Cont.d) Agile Enterprise Architecture? Oxymoron or Savior? <i>Scott Ambler</i> Enterprise Agile E EXPERT Talk	11:15 - 12:15 (Cont.d) The power of DevOps - Transforming a Big Enterprise Group into a Super Agile one <i>Yashasree Barve</i> DevOps P PRACTICING Talk	10:45 - 12:15 (Cont.d) Beheading the legacy beast <i>Daniel Brolund</i> Agile Development Practices P PRACTICING Tutorial	11:45 - 12:15 Poster Madness Research Cafe P PRACTICING Talk	10:45 - 12:15 (Cont.d) Making IT Flow: Lean Inventive Systems Thinking for Software and Knowledge Work <i>Karthikeyan Iyer</i> Lean Principles and Practices E EXPERT Tutorial	10:45 - 12:15 (Cont.d) The coaching conversation as driver towards great results <i>Bent Myllerup</i> Coaching and Mentoring P INTRODUCTORY Tutorial
12:15 - 01:15 LUNCH						
01:15 - 01:45 Extreme Product Development-Drama <i>Vasanthi Panchakshari</i> Invited Talk P PRACTICING Talk	01:15 - 02:15 Agile Practices Proven in Highly Regulated Environments <i>Craig Langenfeld</i> Enterprise Agile E EXPERT Talk	01:15 - 02:15 Spit, Gather, Churn - Mining infrastructure data for IT ops intelligence <i>Ranjib Dey</i> DevOps P PRACTICING Experience report	01:15 - 02:15 Urban Legends from the land of Agile <i>Abhay Aggarwal</i> Agile Development Practices P PRACTICING Talk	01:15 - 02:15 Poster Madness Research Cafe P PRACTICING Talk	01:15 - 01:45 Reduce Waste Campaign- Are you up for the challenge? <i>Belkis Vasquez-McCall</i> Lean Principles and Practices P PRACTICING Experience report	01:15 - 02:45 Agile Devil's Workshop <i>Madhur Kathuria</i> Coaching and Mentoring P PRACTICING Other
01:45 - 02:15 Creating distributed services startups: A Case Study <i>Rahul Dewan</i> Invited Talk I INTRODUCTORY Talk					01:45 - 02:15 TOC & Kanban applied in embedded domain for a project with world-wide deployment <i>Girish Hegde, Rajith Raveendranath</i> Lean Principles and Practices P PRACTICING Experience report	
02:15 - 02:45 Designing your startup <i>Sandeep Shetty</i> Invited Talk E EXPERT Talk	02:15 - 02:45 As an Architect, I want to do things, So that my Enterprise is Agile! <i>Yashasree Barve</i> Enterprise Agile P PRACTICING Talk	02:15 - 02:45 Agile in Short Projects: A One Team Experience <i>Yvannova Montalvo, Jyoti Datta</i> Agile Development Practices I INTRODUCTORY Experience report	02:15 - 02:45 Whose View is it Anyway? Addressing Multiple Stakeholder Concerns <i>Feroz Sheikh, Nagaraju Pappu</i> Agile Development Practices P PRACTICING Tutorial	02:15 - 02:45 Open Space (academics and industry) "Researching Agile" Research Cafe I INTRODUCTORY Talk	02:15 - 02:45 Lightning Talk	

CORONET I	CORONET II	ORCHID	DOMINION	SENATE	UTSAV	BEAUMONT
02:45 - 03:00	BREAK - Coffee/Tea					
03:00 - 04:00 Agile for Startups <i>Bhavin Javia</i> Lean Startups P PRACTICING Talk	03:00 - 04:00 The Agile Scaling Model (ASM): Be as Agile as You Need to Be <i>Scott Ambler</i> Enterprise Agile E EXPERT Talk	03:00 - 04:00 Simple Continuous Delivery in .NET using Rake & Powershell <i>David Morgantini</i> DevOps P PRACTICING Demonstration	03:00 - 03:30 (Cont.d) Whose View is it Anyway? Addressing Multiple Stakeholder Concerns <i>Feroz Sheikh</i> <i>Nagaraju Pappu</i> Agile Development Practices P PRACTICING Tutorial	03:00 - 04:30 (Cont.d)Open Space (academics and industry) "Researching Agile" Research Cafe	03:00 - 04:00 Blind Sizing <i>Sowmya Karunakaran</i> Agile Development Practices I INTRODUCTORY Workshop	03:00 - 04:00 Coaching Creatives: New Ideas from Dead Artists <i>Nathaniel Cadwell</i> Coaching and Mentoring P PRACTICING Talk
04:00 - 04:30 Is the Indian IT industry finally warming up to Agile? <i>Mahesh Singh, Sivaguru S,</i> <i>Praful Pillay</i> Invited Talk P PRACTICING Panel	04:00 - 04:30 Fun with agile gaming: Use games to recharge teams <i>Vibhu Srinivasan</i> Invited Talk I INTRODUCTORY Talk	04:00 - 04:30 Yahoo! Global Homepage Sprint 50 and Beyond <i>Uday Atla</i> Agile Development Practices P PRACTICING Experience report	03:30 - 04:30 A few good development metrics <i>Sriram Narayan</i> Agile Development Practices P PRACTICING Talk		04:00 - 04:30 Lightning Talk	04:00 - 04:30 The end of the beginning: An Agile Coach's journey at the BBC <i>Abbas Mavani</i> Coaching and Mentoring P INTRODUCTORY Experience report
04:30 - 05:00	Closing Talk					

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18th FEBRUARY*John Sinclair***CORONET**

Talk

09:00 - 09:45

45 mins

Building Sustainable Organizations: Easy is not an option! The Story of Freeset.**John Sinclair**john@freesetglobal.com<http://freesetglobal.com>

John Sinclair is the director, cameraman and editor of Calcutta Hilton. For the past 6 years he has made his bread and butter as a TV news editor.

After meeting Kerry Hilton a couple of years ago, he became enthralled with the family's work in Calcutta and developed a passion to tell their story.

Inspired by the women who work in the freedom-making business Freeset, John threw in his job to go back and live in Calcutta for the first half of 2005. He offered his services to help the Hiltons achieve their dream of freedom for the women of Freeset and the wider community of Sonagacchi.

18th FEBRUARY*Rebecca Parsons***CORONET**

Talk

09:45 - 10:30

45 mins

Agile Is Not the Easy Way Out

While Agile is not the easiest way to develop software, it does work. There are three aspects of Agility that contribute to the difficulties: the rigor involved in the practice of Agile, the support for sustainability that is achieved through the practice of Agile, and the extent to which Agile forces us to deal with the world as it is, rather than deceiving ourselves about how things might be. When I say the practice of Agile, I don't just mean agile practices. Rather, I view Agile initially through the principles, which give rise to various practices applicable in different contexts. This talk explores these three perspectives on Agile software development and demonstrates why the various Agile practices, while not the easy way out, are indeed effective in both the short term and, perhaps more importantly, in the long term.

Rebecca Parsonsrjparson@thoughtworks.com<http://www.thoughtworks.com/rebecca-parsons>

Dr. Rebecca Parsons is ThoughtWorks' Chief Technology Officer. She has more than 20 years' application development experience, in industries ranging from telecommunications to emergent internet services. Rebecca has published in both language and artificial intelligence publications, served on numerous program committees, and reviews for several journals. She has extensive experience leading in the creation of large-scale distributed object applications and the integration of disparate systems.

Before coming to ThoughtWorks she worked as an assistant professor of computer science at the University of Central Florida where she taught courses in compilers, program optimization, distributed computation, programming languages, theory of computation, machine learning and computational biology. She also worked as Director's Post Doctoral Fellow at the Los Alamos National Laboratory researching issues in parallel and distributed computation, genetic algorithms, computational biology and non-linear dynamical systems.

Rebecca received a Bachelor of Science degree in Computer Science and Economics from Bradley University, a Masters of Science in Computer Science from Rice University and her Ph.D. in Computer Science from Rice University.

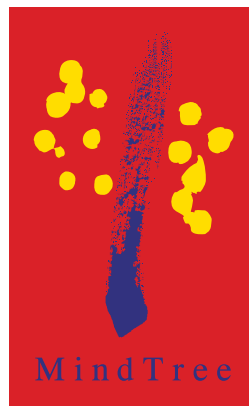
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17th FEBRUARY
Atul Chitnis
CORONET II

 EXPERT | [Talk](#)

09:30 - 10:30

60 mins

Product Development in India

Atul Chitnis has been involved with product development in India since the 1980s, and has seen the rise, fall and recent resurrection of Indian tech products. In the process, he has gathered many real-life experiences that are useful lessons for today's product developers, especially when it comes to innovation and problem solving as a driving factor.

17th FEBRUARY
James Ross
DOMINION

 EXPERT | [Talk](#)

02:15 - 02:45

30 mins

So You Think You Know How To Think?

The Theory of Constraints Thinking Processes are a set of real practical tools you can use every day to communicate, collaborate, resolve conflict and get everyone on the same page - literally. Come and have a guided tour and a try at using them yourself in this fun and interactive workshop. It will probably change your life.

17th FEBRUARY
Kapil Mohan
DOMINION

 EXPERT | [Talk](#)

04:00 - 04:30

30 mins

Our Journey To Lean-Startup

SlideShare is a lean startup. We apply lean and agile practices to our product development process. But we did not start as a lean startup. In this talk, we'll talk about our experiences and learnings as we transitioned into a lean startup. We'll talk about our adoption of concepts like minimum viable product strategy, iterative metrics driven product development, continuous integration, continuous deployment, five whys, devops etc. Also, we'll touch upon how becoming a lean startup has effected our culture and attitude.

17th FEBRUARY
James Ross
CORONET I

 EXPERT | [Talk](#)

05:00 - 05:30

30 mins

Product vs Project

I hope to share my experiences on the differences and similarities between building software in the Product and Project contexts. At ThoughtWorks, I have spent approximately half my career on the product side, and the other half on the consulting side. While the underlying principles are similar, there are often significant differences in terms of approaches that work for products and projects. Some of the differences we'll explore include: product vs. project inception, engineering considerations, testing approaches and strategies, course corrections, and more.

17th FEBRUARY
Sunil Kutty
CORONET II

 EXPERT | [Talk](#)

05:00 - 05:30

30 mins

Agile & Lean Six Sigma

In this session, I would like to share the agile adoption experience that a Six Sigma Black Belt and an agile coach took borrowing concepts from Lean/Six Sigma to help promote and sustain the change that adoption to agile brought to the software development team. Are they opposing concepts or complementary?

17th FEBRUARY
Mahesh Singh
ORCHID

 EXPERT | [Talk](#)

05:00 - 05:30

30 mins

Kanban - Evolutionary or Revolutionary?

The Theory of Constraints Thinking Processes are a set of real practical tools you can use every day to communicate, collaborate, resolve conflict and get everyone on the same page - literally. Come and have a guided tour and a try at using them yourself in this fun and interactive workshop. It will probably change your life.

17th FEBRUARY
George Dinwiddle
BEAUMONT

 EXPERT | [Talk](#)

05:00 - 05:30

30 mins

The Three Amigos--Collaborating to Build the Right Thing Right

If everyone does their part, then it all should come together at the end, right? The software development industry has evolved specialization and achieved great efficiency, but at the expense of overall effectiveness. The price that's been paid is obvious in the difficulties of late-project integration, the surprises of late-project testing phases, and the disappointment of delivered systems with which the customer must "make do" instead of being thrilled. One of Steven Covey's seven habits is "Begin with the End in Mind." We would do well to follow that advice in software development, also. That, however, doesn't mean that the customer hands us detailed specs that we merely follow. Software development is too demanding to treat most of the participants as merely hands. We must all bring our minds to the task. Let's look at effective ways of doing so.

18th FEBRUARY
Tathagat Verma
CORONET

EXPERT | Talk

10:45 - 11:15

30 mins

How to Anticipate and Deal with Changes

Today's highly dynamic business environment requires ability to adapt to continuous change. While as agile practitioners, we ensure that our ability to create software is 'agile' in line with the changing business requirements, this only represents the proverbial tip of the 'change iceberg'. Success in marketplace requires us to anticipate and manage changes at all the three levels - individual, team and organizational level. In this talk, I will analyze anatomy of change, and how can we as individuals thrive and lead in a constantly changing and evolving business environment.

18th FEBRUARY
Greg Hutchings, Rebecca Parsons, Scott Ambler, Fred George, Sujatha Balakrishnan, Naresh Jain
CORONET

INTRODUCTORY | Panel

11:15 - 12:15

60 mins

Theme: Agile and People

Sub Title: Individuals and interactions over processes and tools

Panel hosted by Greg Hutchings, Valtech, France

18th FEBRUARY
Siddharta Govindaraj
SENATE

EXPERT | Talk

02:15 - 02:45

30 mins

Visualisation and Self-organisation

A lot of agile teams do all the ceremonies, and follow all the steps in the process, but struggle to be truly agile. The key component that is usually missing is self-organization. Visualisation is a important way of driving self organising behaviour in a team. This short session will give a very brief overview of different visualisation techniques to drive more agile behaviour in teams.

18th FEBRUARY
Narayan Raman
DOMINION

EXPERT | Talk

03:00 - 04:00

60 mins

Principles and Architecture of Sahi: Web Automation Simplified

Web Application (and any UI) Automation in an agile project can be a fairly daunting and time consuming task. Sahi is an open source and commercial product which has been gaining popularity for its ease of use and ability to handle complex AJAX and Web 2.0 web sites. In this talk we will take you through the various problems of web application automation and how small innovations are incorporated in Sahi to solve these problems. We will discuss pros and cons of various approaches possible and the principles behind our particular choices in Sahi's architecture. The talk would be technical but easy to follow and should be attended by anyone taking a decision on tools for web automation.

18th FEBRUARY
Rory McCorkle, Priya Sethuraman
BEAUMONT

INTRODUCTORY | Talk

03:00 - 03:30

30 mins

PMBOK Guide and Agile

Members of PMI's Global Headquarters will discuss the relationship between the PMBOK Guide® and Agile. The session will examine myths about PMI, the PMBOK Guide®, and Agile. The discussion will demonstrate how a project can be PMBOK® Guide "compatible" while also following Agile principles and practices. Shared dialogue from Practitioners in both Agile Methodologies and Project Management are encouraged to join us.

18th FEBRUARY
Venkat Subramaniam
DOMINION

INTRODUCTORY | Talk

04:00 - 05:00

30 mins

How to Approach Refactoring?

As programmers we have learned and practiced various refactoring techniques, you have pulled up methods, pushed down fields, extracted superclass,... Yet if you feel that you or your team can use something more fundamental, something more basic to make better use of these techniques, then this interactive session is for you. We will discuss and learn how to approach the act of refactoring along with some key underpinnings.

18th FEBRUARY
Vinod Malhotra
CORONET I

INTRODUCTORY | Talk

05:00 - 05:30

30 mins

Organizational Dysfunctions - Agile to the Rescue

How Agile can help organizations overcome dysfunctions such as, analysis/paralysis, lack of ownership/accountability, risk management - scope, schedule, budget, quality, cynicism, etc.

18th FEBRUARY
Guy Duncan
CORONET II

PRACTICING | Talk

05:00 - 05:30

30 mins

Measuring Agility and Deliver Business Goals - Valtech Case Study

This topic will cover how the organisation uses the agile methods and measurements to achieve business goals, the correlation between the two and the minimum required metrics to continuously monitor and improve the value for customer.

19th FEBRUARY
Shalin Jain
CORONET II

EXPERT | Talk

10:45 - 11:15

30 mins

TenMiles' Product Development Journey

Hear about TenMiles' product development journey and what the founder thinks about processes and their importance to Product Development esp. for startup companies.

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Our Agile Project Management qualification has been developed in collaboration with the DSDM® Consortium. It is an innovative approach to project management which helps people work effectively together to achieve business goals.

As organizations face an ever-increasing pace of change, agile techniques help them embrace change and achieve their objectives.

On a traditional project, the Project Manager may be actively involved in directing work and telling their team what needs to be done – a style often referred to as Command and control. Agile PM follows a different style. In the early stages, the Agile PM creates a high level plan, based on outline requirements and a high level view of the solution to be created. From that point onwards the end project is created iteratively and incrementally, with each increment building on the output of increments preceding it. Unlike a traditional project, the detailed plans for each step are created by the team members themselves and not the Project Manager.

Within each stage of the project the team works in an iterative and incremental style in close collaboration with a representative of the business/customer in order to understand the detail of the next step and to create and validate an evolving solution.

Agile Project Management comprises established and proven components that provide an holistic approach to the management and governance of projects. It has an overarching philosophy and guiding principles, together with a lifecycle for process and a set of deliverables to be created and maintained as the project progresses from a controlled start through to completion. It provides clearly defined roles with specific responsibilities designed to bring together all the stakeholders involved in the project.

Agile Project Management provides proven scalability and the ability to work with corporate management processes, supported by a track record of success over many years in IT and non-IT projects.

Agile Project Management courses are available through our network of accredited training organizations. Courses will:

- Explain how to lay the foundations for successful agile projects
- Explain how an agile project is managed
- Clarify the different management styles needed for successful agile projects (compared to "traditional" projects)
- Provide integration with PRINCE2®

Foundation Examination

The foundation exam is multiple-choice and must be completed within 60 minutes. There are 60 questions and 30 correct answers (50%) or more are required to pass. The exam is closed book.

Practitioner Examination

The practitioner examination is in the "Objective Testing" format of scenario, question and answer booklet. There are 4 questions to be completed in two hours. 15 marks per question, with a total of 60 marks available. Candidates must score 30 marks (50%) or more to pass the exam. It is open-book which means that candidates can take their manual only into the exam.

To be eligible to take the Practitioner examination candidates must already have one or more of the following: an Agile Project Management Foundation Certificate, a DSDM Attrib® Foundation Certificate or a DSDM Advanced Practitioner Certificate.






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Informal Culture
We haven't found that wearing a suit makes you write better code.

Innovate
We innovate with cutting edge technologies to bring competitive advantage to our customer.

Agile methods work
We all follow test driven development, pair programming and continuous integration to ensure the quality of the software we build.

Agile and Outsourcing

Produced by Udayan Banerjee and Vibhu Srinivasan

In the Indian context majority of the software professional are engaged in providing offshored software service to a global customer. With agile being preferred by most organizations and off-shore development being the norm, customers expect software service vendors also to follow Agile practices. There are several challenges in marrying the two as most Agile methodologies assume co-located, cross-functional teams with importance given to interaction and collaboration over documentation and processes. This is further compounded by fixed price contracting and that vendors organizations which undertake offshore engagement rely on SEI-CMMI process model and there are concerns about the compatibility between CMMI model and agile methodologies. This stage is for experience sharing on how these paradoxes can be managed to ensure successful offshoring. With software development going global, there are lots of organizations doing distributed development in various

forms today. There are not many large projects left which are being developed without outsourcing or offshoring. While this is a trend in the industry, there are also lots of organizations which are realizing heavy-weight processes don't work. Over the last few years more and more organizations are trying light weight methods like Agile.

While there are great advantages to Distributed Development, it comes with its own challenges. Some organizations have tried to apply Agile values and principles to distributed development to solve some of those issues. Some organizations have had great success, but others are still finding it difficult to apply Agile values and principles to distributed projects.

This stage will present talks from various speakers who have successfully adopted Agile practices in distributed environment.

17th FEBRUARY

Jonas Auken

ORCHID

PRACTICING | Talk

09:30 - 10:30

60 mins

The Childish Indian - Or How To Avoid The Negative Cultural Stereotype

Why are Indians always late for meetings? Why can't an Indian take responsibility for a task? As a foreigner and a coach working in the trenches between Indian and Scandinavian working culture I often stumble into strange prejudices. One very prevalent stereotype is that of the childish Indian. To put it in more proper words: Many of the Indian cultural traits are considered immature in the Western culture - but for all the wrong reasons! Come, learn and discuss how we - on the Indian side - can avoid this stereotype and make life easier for teams distributed across cultural gaps.

17th FEBRUARY

Ravi Kumar

ORCHID

PRACTICING | **Workshop**

10:45 - 12:15

90 mins

Agile Project Outsourcing - Dealing with RFP and RFI

In IT Outsourcing space it is quite common practice to float RFPs inviting competitive bids from IT vendors. With agile going main stream many of the agile projects are being outsourced based on bidding outcome.

Workshop - Focused on Agile RFPs and refined based on a real life example that used techniques discussed. Expected Participants: Project Managers, Business Analysts, Architects, Pre sales team, Testers, Developers

17th FEBRUARY

Line Mark Rugholt

ORCHID

PRACTICING | **Workshop**

01:15 - 02:45

90 mins

Cross-Cultural Impediments in Distributed Scrum Teams

Scrum is often experienced as a very effective tool in Northern European(NE)-Indian distributed teams. However, teams often experience cross-cultural differences between NE and India: Indians are used to working in a more hierarchical environment whereas NEs are used to working in a flatter structure. NEs usually communicate more directly whereas Indians have a tendency to sugarcoat messages. In this workshop we will discuss when Scrum WORKS in NE-Indian distributed teams, and when Scrum needs to be RE-ARRANGED or SUPPLEMENTED in order to be successful in NE-Indian distributed teams.

17th FEBRUARY

Alexey Krivitsky

ORCHID

INTRODUCTORY | **Talk**

03:00 - 04:00

60 mins

Offshore Outsourcing and Agile: body of knowledge building offshore teams

For whole my career I've been involved mainly in offshore projects. I've seen both successful and disastrous projects. I saw people being pretty much on the same page in terms of project goals while seating in different offices and in different countries. And I saw people being completely off the track, suffering and losing motivation. For the last five years I've been collecting memories of what made good offshore projects succeed. In this talk I will present a set of metaphors, advices and ideas one can use to build offshore teams.

17th FEBRUARY

Raja Bavani

UTSAV

EXPERT | **Talk**

04:00 - 05:30

90 mins

Governance Patterns and Ensuring Success in Distributed Agile Projects

In Global Software Engineering context, there are three fundamental governance patterns that characterise the dynamics of engagement among global teams and organizations involved in software development. This session will explore these three patterns and present the indicators that differentiate distributed agile from outsourced staffing. Also, this session will present one or two case studies to illustrate transformation from one pattern to another. This session will conclude with a discussion on the most suitable governance pattern for distributed agile software development.

18th FEBRUARY

William Rowden

ORCHID

PRACTICING | **Workshop**

10:45 - 12:15

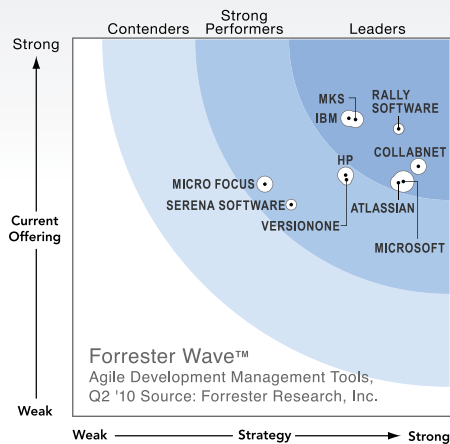
90 mins

Distributed Scrum: Why some teams make it work well and others don't

How does a geographically-distributed team collaborate across distance, culture, and even language? What can an organization do to encourage successful teamwork? What technologies and practices increase collaboration?

This workshop will explore the patterns that enable companies to successfully deliver software with a distributed team. It will be presented by an Agile coach that assisted with the transition of a company that adopted Agile for teams in three time zones with two languages and cultures, and (travel permitting) the VP Technology of that company.

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AGILE DEVELOPMENT PRACTICES

Agile Development Practices

Produced by Dhaval Dalal and Chirag Doshi

Being Agile and realizing success requires being committed to applying certain sets of practices continuously and sincerely. How we behave, how we communicate, the set of practices we follow - all affect our results. We will focus on technical, sociological, and other practices that affect and influence the ability of individuals and of the teams to attain Agility and realize success in their development activities. We will learn real tried and tested practices from practitioners who have gained hands-on experience from real life projects and have the ability, willingness, and passion to share those with us.

17th FEBRUARY

Fred George

DOMINION

PRACTICING | Talk

09:30 - 10:30

60 mins

Programmer Anarchy

At the Forward Internet Group in London, we are implementing a more extreme version of Agile that is consistent with the Lean Startup movement. In essence, the business has empowered the developers to do what they think is right for the business. We have watched well-defined Agile roles evaporate completely as other environmental factors are applied. Finally, we have arrived at Programmer Anarchy, an organization often following none of the standard Agile practices, having no BA or QA roles, and even missing any managers of programmers, yet still conforms to the Agile Manifesto!

17th FEBRUARY

Tarang Baxi

DOMINION

PRACTICING | Workshop

10:45 - 12:15

90 mins

The Art of Splitting Features and Epics into Playable Stories

There's a lot of the literature available on how to write and flesh out a user story - how to frame the story statement, what to include, how to write good acceptance criteria, etc. There is less written about how to carve out good, playable user stories from a complex feature or epic story in the first place. This workshop uses 3 case studies drawn from real projects to focus on this latter skill, demonstrating how close collaboration between analysts, customers, developers, testers, and UX designers can result in user stories that help iteratively evolve features and reduce delivery risk.

17th FEBRUARY

Nirmal Merchant

DOMINION

PRACTICING | [Exp Report](#)

01:15 - 02:15

60 mins

Applying Agile to Off the Shelf Product Implementations

It is a popular misconception that while Agile works great for green-field development projects, it has limited utility in third party product implementations. There isn't much development work beyond customization and extensions and much of the process knowledge is already coded in the software. This presentation details how Agile and Lean Startup principles can deliver a more successful solution and increased business value when implementing a third-party enterprise software and how it can be applied right from the Product selection, infrastructure setup to Roll-out.

17th FEBRUARY

Megan Folsom

DOMINION

INTRODUCTORY | [Exp Report](#)

03:00 - 04:00

60 mins

So you think you can estimate? - The lost art of useful estimates

Developer estimates are notoriously inaccurate. A common pitfall for devs is to apply a singular model or rule to their estimates (4 points = half a day) but by nature estimates are both intuitive and subjective and when you make them collaborative, chaos ensues! Through experimentation and interaction with the physical world participants will disrupt their L-Brain thinking and get into their R-Brains. They will unlock the secrets of context-based estimation, come to know the true purpose of velocity and leave the workshop with a foundation for problem-solving when estimates get too big.

17th FEBRUARY

Dhivya Arunagiri

DOMINION

PRACTICING | [Talk](#)

04:30 - 05:30

60 mins

Managing Scope Creep in Development Projects

Scope creep occurs when the scope of a project is not properly defined, documented, or controlled. It is generally considered a negative occurrence and should be avoided. This Wiki definition has been quoted many times in agile forums. I would like to disagree, in two ways,

1. Scope Creep is not limited to definition or documentation issues
2. There are cases where scope creep has a positive influence as it can be read as an indicator of other issues

This session will showcase both of the above points, with specific real-life examples of projects I have worked with.

18th FEBRUARY

Pramod Sadalage

DOMINION

INTRODUCTORY | [Tutorial](#)

10:45 - 12:15

90 mins

Practices for Agile Database Development

Most application developers think the database is an impediment to agile development. Pramod will show how to apply agile practices to databases. How the data team can contribute and stay productive in today's software development environment and to influence the software being developed long before its deployed on the database being managed by the DBA.

Pramod will show how to apply these practices to the database:

- * Pair Programming
- * Continuous Integration
- * Refactoring
- * Test Driven Development (TDD)
- * Automated Testing
- * Automated Deployment

This is a hands-on workshop. Please bring your own laptop.

18th FEBRUARY

Lars Arne Skär

DOMINION

INTRODUCTORY | [Tutorial](#)

01:15 - 02:45

90 mins

Agile Engineering Practices and Tools

Extreme Programming put strong emphasis on engineering practices to support agile execution and have in practice influenced how many of those practices have evolved. Scrum assumes such engineering practices are being used, without dictating specifically which practices. In this session, we will dive into the most important agile engineering practices and the kind of tools that supports them. We will also discuss the evolution of such tools, including those from both the open source community and commercial vendors.

18th FEBRUARY

Masood Jan

DOMINION

PRACTICING | [Exp Report](#)

05:00 - 05:30

30 mins

Bridging The Communication Gap and Continuous Delivery

One of the major aims for this experience report to highlight the success story in one of top retailer in UK. The topics we will cover are automated build, deployments and testing process. We will also discuss how collaboration between business and engineering team improved using BDD and how it was used to generate Automated Acceptance Tests. We will discuss how the code & database was built and automatically deployed to CI and other Environments. We will discuss how Hudson (Now Jenkins) was used to put all the above together to create Continuous Integration.

19th FEBRUARY

Pradeep Soundararajan

DOMINION

PRACTICING | Workshop

09:00 - 10:30

90 mins

Exploratory testing for agile teams (Hands on)

Those who are moving from traditional testing mindset to Agile, appear to treat testing the same way they did in the past. They end up producing large test case documents and never have time to run because the story has changed. In other cases, those who are doing exploratory testing in Agile contexts end up not doing it in ways where they know how to track and manage it. In this workshop - 1) Recognize and practice a style of exploratory testing that can be tracked & managed. 2) Plan and determine test coverage with the help of heuristics and oracles. Hands on!

19th FEBRUARY

Daniel Brolund

DOMINION

PRACTICING | Tutorial

10:45 - 12:15

90 mins

Beheading the legacy beast

A code base must be changed, or it will die. But sometimes these changes feels like a fight with the Legacy Software Hydra, for every scary head cut off, two more grows out. Every change takes us further from the goal! Instead, come learn the Mikado Method, a systematic approach to beat the Hydra and change the code in a safe way. It enables continuous delivery, and it enhances team communication, collaboration and learning, helping individuals stay on track. We will practice to visualize, prepare and perform business-value-focused changes, without having a broken code-base in the process.

This is a hands-on workshop. Please bring your own laptop.

19th FEBRUARY

Abhay Aggarwal

DOMINION

PRACTICING | Talk

01:15 - 02:15

60 mins

Urban Legends from the land of Agile

A lot of people have bought the idea that Agile is a magic pill to weed out corporate inefficiencies & following its best practices will boost their bottomlines positively. Many Agilists believe that slicing work, removing documentation, standups, fact checks makes them Agile and helps to deliver on time. On the other hand, baiters say that tracking is impossible, Agile can't even promise the delivery of predefined work, and it doesn't work with large scale teams. Come, see how myths and misconceptions have shaped the adoption/rejection of Agile, and how you can avoid the same fate.

19th FEBRUARY

Yannova Montalvo, Jyoti Datta

ORCHID

INTRODUCTORY | Exp Report 30 mins

02:15 - 02:45

Agile in Short Projects: A One Team Experience

We will share our experiences implementing agile in the Rapid Application Development arena. The challenges faced on short duration projects (e.g. between 1 week and 2 months), of different domains (e.g., insurance, human resources, special initiatives) and are global in nature. By following agile practices we promote better communication, a higher collaboration, consistent delivery, smooth transitions and cross sharing. Come and learn the challenges and practices that have helped our short projects: effective and frequent feedback loops, pairing, micro backlogs, unit testing, etc.

19th FEBRUARY

Feroz Sheikh, Nagaraju Pappu

DOMINION

PRACTICING | Tutorial

02:15 - 03:30

60 mins

Whose View is it Anyway? Addressing Multiple Stakeholder Concerns

The debate around prioritization of stories based on business v/s technical value is probably too skewed. Functional stories get priority over the quality attributes of a system such as maintainability & modifiability, which get pushed out to later releases leading to expensive refactoring. In this session, we present a method that addresses multiple stakeholder concerns and transforms these into features realizing business value, and how to organize these stakeholders perspectives into a release plan.

19th FEBRUARY

Sowmya Karunakaran

DOMINION

INTRODUCTORY | Workshop 60 mins

03:00 - 04:00

Blind Sizing

Story sizing is often a confusing activity and many projects find it hard to estimate complexity in terms of story points. The objective of this session is to give participants hands-on experience on using the concept of relativity while estimating in story points via a short exercise. Participants will be asked to size stories blindly and as more and more stories unfold the participants will realize that the concept of relativity has kicked in while they were busy estimating.

19th FEBRUARY

Sriram Narayan

DOMINION

PRACTICING | **Talk**

03:30 - 04:30

60 mins

A few good development metrics

The problem with metrics is that there are so many to choose from. Lines of code, rule violations, dependency matrices, cyclomatic/npth complexity, code coverage, duplication - the list goes on. Tracking all of these results in too much data and too little insight. In this talk, we will see how to narrow down to a small set of useful metrics. We'll also see how aggregate metrics like toxicity help reduce the tracking footprint. Finally, we'll look at the difference between a measurement and a target and see why measurements should not be simply converted into targets.

19th FEBRUARY

Uday Atla

DOMINION

PRACTICING | **Exp Report**

04:00 - 04:30

30 mins

Yahoo! Global Homepage Sprint 50 and Beyond

Yahoo Global Homepage is web's leading homepage destination with over 500M users with 3.1B PV's. This paper provides an insight into how Homepage achieved an optimized release process to deliver highest quality of production ready code in every 3 weeks

Homepage sprints began in mid 2008. Growing in complexity and with a sheer volume of 500 users, ad-hoc change requests started pouring in from over 38 international markets. This resulted in product instability, long sprint cycles of 37 days , increased time to markets and dip in team morale.



targetprocess

Agile Product Management

Produced by Tathagat Varma and Annu Augustine

Recent market successes like Facebook, LinkedIn, Twitter and Groupon emphasize that entry barriers to New Product Development (NPD) have dropped down and have become completely democratized.

The focus of Agile processes is on development processes and the day-to-day tactical issues. This forms only a small subset of activities of any software product development company. NPD today involves challenging previously unknown assumptions; creating completely new business models; working with globalized virtual teams involving research, academia, offshore partners and freelancers; and yes - though the software quality aspects continue to be high, it is not perhaps as high as innovation.

- How have companies adopted Agile practices and incorporated them into their existing product development processes?
- How have companies adopted the product owner role?
- What are the challenges facing product management in the Agile world?
- Is product management Agile?
- Are agile methods more suitable for custom software development?

In this stage we aim to understand how product development organizations are evolving to address the realities of new marketplace and applying newer agile practices to lead and maintain product leadership. We expect this session to come out with provocative ideas rather than support the status quo.

17th FEBRUARY

Jennifer Onggowidjaja

BEAUMONT

09:30 - 10:30

INTRODUCTORY | Exp Report 60 mins

So you want to build something? Now what?

In this session I will share my experience working on a multi-year strategic initiative that would change the way our Firm maintained its digital presence and engagement with clients, alumni and the public. We started out with large goals but no plan on how to achieve those goals. Our IT department was asked to build. Business Sponsors had no idea if what IT built would meet the goals. A year later and millions spent, it was clear that we could not continue down the road of conversation over collaboration and documentation. That working software over contract negotiation was not enough.

17th FEBRUARY

Howard Deiner

CORONET II

INTRODUCTORY | Tutorial

10:45 - 12:15

90 mins

Portfolio Management - Figuring Out How to Say When and Why

If you're a Product Owner and trying to be a change agent in a company that's adopting Agile and you're not finding a lot of help in standard Agile texts related to organizing a product pipeline and doing the associated resource planning, this tutorial is for you. You'll get guidance in an appropriately lightweight Agile style for portfolio management, and avoid the Big Project Plans Up Front mentality that you may be fighting against. You'll learn how to get your organization how to think about how to get the best bang for its buck!

17th FEBRUARY

Anupam Kundu

CORONET II

PRACTICING | Talk

01:15 - 02:45

90 mins

Ready to be successful as an Agile Product Manager?

Are you a product manager in a large corporation adopting agile? You are in trouble!

In my experience, Product Managers (aka Product Owners in agile world) in large organizations seem to have everything: talented workforce, thicker wallets, visible brand value and infrastructure to turn a good idea into a spectacular business. Yet, they struggle to 'get' the next innovative product worthy of creating new ecosystems. What prevents them from working like product owners in start-up companies who quickly release new products with lower budgets? You're Welcome!

17th FEBRUARY

Belkis Vasquez-McCall

CORONET II

INTRODUCTORY | Exp Report

03:00 - 04:00

60 mins

The PO Role - Can you hear me now?

Transition from the PM & BA role to the PO role can be challenging but rewarding. In our organization, the PO role has tremulously evolved and we have made it a role that does not have very specific boundaries. The PO role has empowered and enabled traditional PM & BA to take ownership and be decision makers. When they speak teams and sponsors listen. However, with great power, comes great responsibility. In this session, I will highlight how the PO role has evolved in our organization and some lessons learned of the role.

17th FEBRUARY

Sam Guckenheimer

BEAUMONT

PRACTICING | Exp Report

04:00 - 05:00

60 mins

Continuous Feedback

Build-measure-learn is the essential cycle of improving product from continuous feedback with users and customers. In this talk, I cover experiences with a portfolio of techniques, including joint design reviews (in-person and web-based), storyboarding, rapid prototyping, flash studies intra-sprint, minimum viable product releases, private and public betas, polling, forums, and instrumentation. I use examples, with both positive and negative outcomes, from the development of the Microsoft Visual Studio Product Line.

18th FEBRUARY

Anu Ramaswamy

SENATE

PRACTICING | Exp Report

10:45 - 12:15

90 mins

Collaborative design and low fidelity prototyping for Agile teams

Have you struggled with integrating user experience design practices into an Agile development environment? It's one thing to say that we welcome changing requirements, and another to be able to quickly visualize the user interface for a product as the requirements change. This workshop is structured to take you through a set of design practices in low fidelity to enable good user experience.

18th FEBRUARY

Aslam Khan

BEAUMONT

PRACTICING | Talk

01:15 - 02:45

90 mins

Practical Product Ownership: balancing strategy and development

The distinction of Scrum is the product owner; a keystone that is supported by the pillars of the team and strategic management. Whilst it offers opportunity for radical change, my observations have shown that there is a literal application of rules, unsustainable practices, and ineffective attitude towards product ownership, inclusive of the team. The end is nothing less than product owner burnout. I will share practices that I have learned from experience, that deviate from the norm, but leads to product ownership that tries to restore a balance of strategy, tactics and product development.

18th FEBRUARY

John Haniotis

BEAUMONT

EXPERT | Talk

03:30 - 04:00

30 mins

Innovation Jams: Lessons in Agile Product Development

Shortening time-to-market requirements have put software developers at product companies in a crunch. Many organizations need to cut their development time in half, yet the team is already working in overdrive. This talk reflects the experience of Accept Corporation in developing products in 3-4 day sprints dubbed innovation jams. We'll share how we can make a set of new product features in under a week, using online customer submissions to guide development priorities and a process flow that accelerates collaboration.

Conscires Agile Practices comprises of a team of enthusiasts who believe in bringing a positive change using the best practices of Scrum. We guide organizations to discover their strengths and identify areas for improvement. The services we offer on Agile and Scrum include:

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3rd

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10th

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Chennai
April 5th &
6th

Pune
May 21st &
22nd

Mumbai
May 17th &
18th

Coaching and Mentoring

Produced by Rahul Sawhney and George Dinwiddle

As Agile becomes main-stream, the values laid down by the Agile Manifesto are continuously challenged in different ways during its adoption in different situations. Great coaches help teams and organizations in facing and overcoming these challenges through various learning techniques, so that the issues can be handled effectively. Coaches help teams and organizations embrace agile in its true spirit in order to maximize value that is delivered to the customer.

As an agile coach and mentor, you will learn about skills and techniques needed to improve team effectiveness so that you can guide your teams towards unleashing their true potential. As an agile team member, you will get a better understanding of different perspectives and techniques for improving team dynamics and create a better work environment.

This stage will have multiple sessions, potentially including experience reports, tutorials, talks, workshops and research papers. Through these sessions Coaches, Mentors, Leaders and Team members will enhance their existing toolset and return with real life examples and thought leadership in this area. We are seeking interactive sessions that explore practical techniques a coach can use with teams. We also want to hear stories from experienced coaches that sharing insights into what works and what to avoid.

This stage will include:

- Coaching and Mentoring skills and techniques
- Coaching challenges with people and technology
- Helping teams discover and deal with team dysfunctions
- Coaching in different situations (product development, IT services, consulting, distributed teams, new and mature teams, large and small teams etc.)
- Coaching for the enterprise

Come and learn techniques, listen to the experience of other coaches, and see how you can better support teams in their Agile journey.

18th FEBRUARY*Dave Rooney***BEAUMONT**PRACTICING | **Workshop**

04:00 - 05:30

90 mins

The Survival Guide for New Agile Coaches

You know Agile Software Development reasonably well, using it on a few projects. You've now moved on to a new group or company, and they want to "go Agile". Since you're the local expert, you've been volunteered to be the Coach. Congratulations! But what now? This session assumes that you know Agile already, and won't delve into the minutiae of the principles and practices unless warranted by the example at hand. It uses the metaphor of our progression through the stages of life to provide a backdrop for a team's journey towards Agility, and your journey as a Coach.

19th FEBRUARY*Rahul Sawhney***BEAUMONT**PRACTICING | **Workshop**

09:00 - 10:30

90 mins

Slowing down to Speed up: Encouraging sustainable pace in teams

We would like solutions delivered fast without compromising quality, user experience, implicit requirements and non-functional aspects such as scalability and performance. This would have been easier, if we had all the time in the universe. Doing this in a sustainable manner becomes a huge challenge for teams as there are multiple competing forces at play and because software development is very complex. Coaches & Practitioners, participate in this workshop and leave with thoughts that will help your teams adopt and practice sustainable pace, and delight your customers over and over again.

19th FEBRUARY*Bent Myllerup***BEAUMONT**INTRODUCTORY | **Tutorial**

10:45 - 12:15

90 mins

The coaching conversation as driver towards great results

You call yourself an agile coach, but are you really acting as a coach rather than an advisor or a subject matter expert? What are the benefits of using coaching techniques known from life-coaching when working with self-organizing teams, ScrumMasters, Product Owners and stakeholders? Will you be able to learn such skills? Well, come and try it out!

In this session we will take a brief journey into professional coaching from a systemic point of view. You will learn about the mindset behind coaching, the flow in the conversation and try out different types of questions that can be useful.

19th FEBRUARY*Madhur Kathuria***BEAUMONT**PRACTICING | **Workshop**

01:15 - 02:45

90 mins

Agile Devil's Workshop

Dear Fellow Agilist,

Welcome to my Workshop. I am the Agile Devil and I am on a mission. A Mission to destroy Agility, Remove the essence from Agile and destroy the quality. And I won't be alone. You would be my assistant in making this happen. In this workshop, I would tell you the things to do so that quality can never take root in an Agile Team, I will tell you how to make the Agile Ceremonies in-effective and how to make sure the Agile Initiatives go for a toss. So, come join me in the world of Agile Devil and learn how you can kill Agility effectively.

Yours,
Agile Devil

19th FEBRUARY*Nathaniel Cadwell***BEAUMONT**PRACTICING | **Talk**

03:00 - 04:00

60 mins

Coaching Creatives: New Ideas from Dead Artists

What do a 17th century painter's workshop, an international photographic cooperative, and an early 20th century design house have in common with a modern software development team? On the surface it may not seem like much, but bringing a group of makers together to work presents special challenges and opportunities, regardless of field. In this session we'll explore what worked, and didn't, for several groups of historical makers. We'll use stories and dialogues to explore parallels with agile software development teams, and discuss coaching strategies around the examples provided.

19th FEBRUARY*Abbas Mavani***BEAUMONT**PRACTICING | **Workshop**

04:00 - 04:30

30 mins

The end of the beginning: An Agile Coach's journey at the BBC

BBC 'Programmes & On Demand' is responsible for BBC iPlayer and the BBC's Radio & Music proposition as part of the 'Connected storytelling - one service, ten products, four screens' strategy. The aim of this presentation is to share this humble Agile Coach's BBC experience as he comes to the "end of the beginning" of his journey! We will examine 4 simple techniques that were used with the team to reinforce the principles behind the Agile Manifesto.

"This is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning." - Winston Churchill, 1942



Culture, People & Teams

Produced by Ajay Danait

Most Agile methodologies rely on the work of self-organizing teams, yet give little guidance on how to create them. Assigning a collection of people to a project and collocating them in a team room will sometimes result in them gelling into a real team, but sometimes remains just a work group assigned to the project. Management will usually call them a team, but that is insufficient to make it so.

Since a decade when the term Agile has been coined as related to software development, bottom-up team and people evolution towards an agile mindset has been much slower than its top-down Agile process adoption. This leads to faux-Agile or Agile-but implementation in an organization.

Using this stage, we will explore how coaches, consultants, and companies are creating environments, building teams, growing individuals and creating people-oriented organizations. We expect a variety in spice sessions to come out with innovative ideation in addition to tricks, tips, and proven methods that have been part of inspiring and helping software people “be agile” rather than “follow Agile”. More importantly, it examines how to create or enhance teams and collaboration, both from within and without.

In this stage we'll explore and share experiences related to:

- How managers interact with and support self-organizing teams.
- The nature and benefits of teams and collaboration Building and sustaining high performance teams
- How manager lead across the organization.
- Manager's roles in understanding and removing impediments.
- Pragmatic methods to see and influence the organization as a system.
- Replacing traditional management practices with practices that are more effective with agile teams.
- How to address the role and concerns of middle managers. The benefits that come with teaming seem entangled with collaboration. Similar to the loose usage of the word team, the word "collaboration" is often used when "cooperation" would be more appropriate. Cooperative work may be directed toward the same goal, but is independent rather than interdependent and mutually coordinated.

17th FEBRUARY

Jill Caporrimo, Belkis Vasquez-McCall

SENATE

PRACTICING | [Exp Report](#)

09:30 - 10:30

60 mins

World War 4 talent!

Building great Agile teams starts with having the right talent and having the right talent starts with your recruitment! In this experience report we will share how a US based organization takes software development global and is building a world-class team by battling the world war for talent.

Armor used to shield us in the battle:

- * Moving from hiring to attracting
- * Pushing recruitment barriers with innovation
- * Using an Agile approach to inspect and adapt
- * Focusing on the exchange of experiences between candidate and interviewers
- * No CVs please!

17th FEBRUARY

Mike Russell

SENATE

INTRODUCTORY | [Tutorial](#)

10:45 - 12:15

90 mins

Tackle Culture or Face Failure

Are you thinking about trying agile approaches? Do you have a transition underway? Is your team or organization trying to become agile, but been less than successful thus far? A foundational implication and one of the biggest potential roadblocks of the agile manifesto is culture change. To be successful with agile and especially to scale, you must go beyond technical practices and simultaneously tackle culture changes. This session shows why this is so, introducing an easy culture model and providing you the opportunity to try out the model to help you plan and overcome hurdles.

17th FEBRUARY

Aslam Khan

SENATE

PRACTICING | [Talk](#)

01:15 - 02:15

60 min

Collaboration lessons from the Rainbow Nation

I was born a prisoner in South Africa, and my thinking was set by apartheid. Then, suddenly, I was free. But I still carried hatred, distrust and a multitude of conflicting emotions, yet I must work harmoniously with the “enemy”. The challenges of the teams with whom I work are fractals of 300 year long conflict. In this seminar, I share my life lessons as a nation transitioned peacefully from apartheid to a democracy of interwoven cultures. As a second generation South African Indian my conflicted identity helped me deal with diversity, value conflicts, and collaboration struggles in teams.

17th FEBRUARY

Anila George

SENATE

PRACTICING | [Talk](#)

02:15-02:45

30 mins

Attention Middle Management chickens : discover the path to becoming a pig

The talk addresses the insecurity felt by middle management in teams that are transitioning from working under ‘command and control’ to becoming self-organised. In such situations middle management very often ends up making things more difficult for their teams. The talk goes on to give the middle managers some food for thought and a few tips to handle the situation in a way that is helpful for the teams and rewarding for themselves.

17th FEBRUARY

Jonas Auken

SENATE

INTRODUCTORY | [Talk](#)

03:00 - 04:00

60 min

The Holistic Programmer

Extreme Programming teaches us that the team must be whole and self-organized - encompass all skills needed for the project. Moreover, each agile individual is responsible for the whole project - who else will when the team has no manager? This requires a holistic mindset - caring for the whole picture and caring for every detail. How is this possible? Necessary even? Success or failure? My theory is that the holistic programmer will prevail. From knowledge gathering through design, coding, testing and the final deployment - if you care for the whole process your team will be truly whole.

17th FEBRUARY

Laura Plonka et. al

SENATE

PRACTICING | [Research](#)

04:00 - 04:30

30 min

Investigating Equity of Participation in Pair Programming

Pair Programming (PP) is a software development practice where two programmers share a mouse and keyboard while working together on one computer. A concern among some practitioners is that PP might be a waste of resources if developers have a very low equity of participation, for example, when one developer is doing all the work and the other is not contributing at all. This paper investigates this concern by analysing the equity of participation in industrial pair programming sessions. It quantifies two different types of contributions; verbal contributions and driving contributions. As a result, we found that two thirds of the PP sessions are not equitable. Based on interviews with the developers, we analyse which factors influence the equity of participation. We found that the choice of the workstation, personal preferences, PP experience, work style and skill differences influence who is driving. Additionally, we discuss the implications of sessions that are not equitable and whether the concept of equity of participation could be used as metric to evaluate PP.

17th FEBRUARY

Nirmal Merchant, Zainab Alikhan

SENATE

PRACTICING | Exp Report

04:30 - 05:00

30 min

The Story of Sitting Together

As the practice of Agile matures, teams find great value in shortening feedback loops to inspect and adapt more often. However, constraints in the physical seating of teams drive the way in which they interact - team members in the same building communicate via email and meet only for “meetings”. XP advocates Sitting Together, but due to a lot of constraints organizations are unable or unwilling to adopt this. In this presentation we will share what these constraints are and how we were able to overcome them so that our teams could Sit Together!

18th FEBRUARY

Lars Arne Skär

BEAUMONT

INTRODUCTORY | Tutorial

10:45 - 12:15

90 min

Communicating like you know each other in distributed agile projects

Communication is the most challenging aspect of any distributed project. When we throw agile practices into the mix, which rely so much on effective communication we really need to make it work. The organizers will share practices from their experiences with offshore engagements. We found that the most important to accomplish is to really get to know each other and that there are ways to achieve that despite the geographical distance. The tutorial is based on their chapter published in the book: Agility Across Time and Space, published by Springer in 2010 (ISBN 978-3-642-12441-9).

18th FEBRUARY

Matthew Philip

SENATE

PRACTICING | Talk

01:15 - 02:15

60 min

Workplay: The gamified future of agile development

What if work life were more like a game? Recent books show how we can use games and virtual worlds to improve and change the way we work and how businesses compete. This session explores how agile delivers intrinsic rewards, like social connection and meaning, and ways in which we can transform work using game thinking and mechanics to engage people and teams. This session, itself structured as a game, will challenge and equip attendees to replace traditional management practices with a gamefully designed agile workplace to create more successful organizations and more satisfied workers.

18th FEBRUARY

Debashis Banerjee

SENATE

PRACTICING | Talk

03:00 - 04:00

60 min

Turning into an Agile Engineering Manager

The role of an engineering manager in Agile is even more of a coach than in traditional waterfall models. In this session will cover concepts I've learnt in Novell and Yahoo:

1. best practices used to gain maximum engagement with teams. (contrasting needs for freshers, to an architect, to a scrum master to an aspiring manager)
2. People context of single location and multi location teams
3. Helping team members gain maximum agility and move teams into what I call the auto pilot mode

18th FEBRUARY

Chirag Doshi, Dhaval Doshi

SENATE

PRACTICING | Workshop

04:00 - 05:30

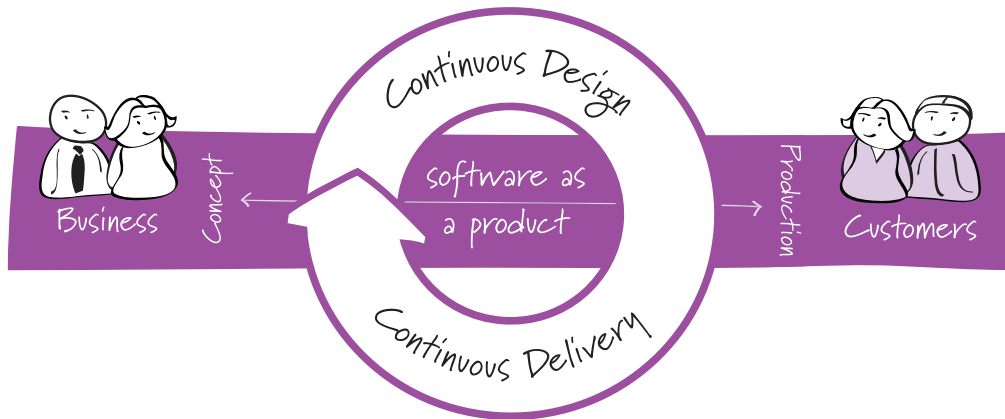
90 min

A Retrospective of Retrospectives

We all may have been part of a number of retrospectives. In this workshop, let us retrospect on how our retrospectives have been so far and also think about what can we try in future to make it even better. This session would allow the participants to share their experiences in facilitating/participating in retrospectives and learn from each other.



CDC Software, The Customer-Driven Company™, is a global enterprise software provider of on-premise and cloud deployments. Leveraging a service-oriented architecture (SOA), CDC Software offers multiple delivery options for their solutions including on-premise, hosted, cloud-based Software as a Service (SaaS) or blended-hybrid deployment offerings. Fueling the success of this strategy is the company's adoption of the Agile methodology for highly collaborative and fast paced product development. This strategy has helped CDC Software deliver innovative and industry-specific solutions to approximately 10,000 customers across various domains worldwide. CDC's Product Engineering Group also extends this expertise in crafting world class products to other organizations, and offers services in the areas of Product Development, Architecture Consulting, Product Management, IV&V Testing, User Experience consulting, and Agile Transformation consulting.



Continuous delivery

Release software on-demand, not on Red Alert

In a world where customers expect a mobile and connected 24x7 experience, businesses must adapt to a faster pace of change. The demand on IT is to become more responsive, releasing features and new, complete products faster, more often, yet with better quality and reliability than ever.

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You can also win a brand new iPad*!

DevOps

Produced by Ajey Gore and Patrick Debois

Even though Agile has existed for many years it's only slowly embracing new ideas and it's still so much focused on software. In this stage we hope to extend the traditional view: new ideas such as Agile infrastructure, devops, expand traditional boundaries to the operations, infrastructure group.

We value both submissions at the technical and human level in this stage: tools are an important part as they help you to achieve goals, but cultural integration between different groups are much more important and harder to achieve.

Much of the bridging between the two worlds, comes from Continuous Integration, a part that is also too often a no-man's land in the world of software development. CI and Continuous Delivery will be an equal part of this stage.

18th FEBRUARY

Naresh Jain

UTSAV

INTRODUCTORY | Tutorial

01:15 - 01:45

30 min

Continuous Deployment Demystified

"Release Early, Release Often" is a proven mantra, but what happens when you push this practice to its limits? i.e. deploying latest code changes to the production servers every time a developer checks-in code? At Industrial Logic, developers are deploying code dozens of times a day, rapidly responding to their customers and reducing their "code inventory". This talk will demonstrate our approach, deployment architecture, tools and culture needed for CD and how at Industrial Logic, we gradually got there.

18th FEBRUARY

Leena N, Vaidyanathan B

UTSAV

INTRODUCTORY | Tutorial

01:45 - 02:45

60 min

Continuous Delivery for a Song

This demo will show that it is possible to setup a CD infrastructure from scratch with open source [and free!] tools and without much effort. We will also demo specific techniques such as Feature Toggling which allow the team to take advantage of this infrastructure. Finally, we will talk about the value of such a CD setup for a services start up. Eg: A non-techie client can preview a feature in Staging and deploy the feature to PROD by themselves.

18th FEBRUARY

Ville Svärd

ORCHID

INTRODUCTORY | Talk

03:00 - 04:00

60 min

We visualized, we saw, we changed

Realtime monitoring provides everyone on a team, as well as interested stakeholders, with a shared and deepened understanding of how a system performs. Visualize it and you get direct feedback from the heart of your system. In this session we want to share our experiences with introducing monitoring and how the feedback it provided influenced both system design and team collaboration. We will use Graphite as an example to show how a monitoring tool like this; simple to use, instantly available and used continuously; was instrumental in implementing change in behaviour and collaboration.

18th FEBRUARY

Tom Sulston, Tom Duckering

ORCHID

EXPERT | Talk

04:00 - 05:00

60 min

Coping with Continuous Integration at scale

Tom and Tom are interested in Continuous Integration (CI) when it gets big. In this session, we draw upon our experiences of helping large clients implement CI for complex systems and share observations of the good, bad and ugly things we've seen. We'll present a series of real-world anti-patterns and propose some remedies and principles to avoid them. We will also look at how CI problems change from being predominantly technical to organisational as systems become bigger and more complex. We will demonstrate how these problems are frequently intertwined, unclear, and hard to resolve.

18th FEBRUARY

Keiko Shimazu

ORCHID

PRACTICING | Research

05:00 - 05:30

30 min

Comparative Experiments of Agile Software Development

This paper reports the result of comparative experiments, in order to confirm efficiency and effectiveness of introducing Vee model as a agile development template. This method is efficient to identify the items in ConOps (Concept of OPerationS), a standard provided by IEEE. The main purpose of the chart is to execute the requirement development process sufficiently, which is in the Concept Stage within the service lifecycle, without increasing the cost. Utilizing this chart also reduces the extra costs of the Development Stage caused by errors that are extremely difficult to estimate during the planning phase. High quality service system won't have cost overrun problem in any phase. We established two identical enterprise service systems each using different cases and compared their development costs. The first case is to proceed with systems architecture development and systems designing based on the initial requirements provided by sponsors and then move on to the Development Stage. The second case is to use Vee model as an agile development template. The result of those experimental studies demonstrated effectiveness of the model, according to show extremely improvement on the aspect of time period and costs.

19th FEBRUARY

Tom Sulston

ORCHID

PRACTICING | Talk

09:00 - 10:00

60 min

DevOps Counseling: 10 ways to help your Dev and Ops people love each other

So you've drunk the DevOps kool-aid & formed a delivery team that includes sysadmins, developers, QAs et al. Everything should be awesome. But somehow, it isn't. The same old issues keep recurring: unreliability, inertia, blame, bugs, downtime.

I look into why building a cross-functional team involves more than just re-drawing an org chart: new practices, tools, and cultural norms need to be built-up. Drawing on experiences from a variety of organisations that have built delivery teams, I propose my top ten tips for helping development and operations people overcome their differences.

19th FEBRUARY

Bryce Johnson

ORCHID

PRACTICING | Exp Report

10:00 - 11:15

60 min

From DevOps to NoOps: The JIRA development team's journey to NoOps freedom

Agile teams that have bridged the gap between development and operations can deliver value to their customers faster. In this session we will explore how one team re-defined their definition of done to include delivery. We will look at the engineering challenges involved with scaling a build system and also explore the change review process necessary to manage this infrastructure. At Atlassian we have achieved a successful DevOps model and we are continually looking for ways to improve, that's why our next destination is NoOps.

19th FEBRUARY

Yashasree Barve

ORCHID

PRACTICING | Exp Report

11:15 - 12:15

60 min

The power of DevOps - Transforming a Big Enterprise Group into a Super Agile one

Enterprises are complex animals to deal with, and so are their processes. Agile adoption in Enterprises can sustain itself if the processes go lighter. Experimenting with DevOps came as a natural extension to the Agile adoption of this Enterprise, and turned this process-heavy Enterprise unit into an extremely agile team with thin processes. I would like to talk about how DevOps helped us build high levels of automation, great collaboration between teams that develop and maintain applications, as our high performing teams deliver frequently to cater to need of business sponsors.

Invitation

Please join us to discuss the exciting options open to you at Aconex, a pioneer in Agile software development.

You can be part of a global team of Agile experts that will value your input and let you develop your skills.



Our flagship product is the most widely-used online collaboration platform in the world, with thousands of clients and users in India and over 70 other countries.

Over the past 10 years, Aconex has helped leaders in construction, infrastructure, energy and resources to manage their project information and processes to the highest standard. Our clients include British Gas India, Coastal Gujarat Power and True Value Homes.

We're almost 400 people, every one an innovator. Not surprising then, that we fully embraced Agile five years ago, and have not looked back.

Now, in response to customer demand for our platform, we are expanding rapidly in Bangalore and looking for talented and enthusiastic people to join our team.

Like to meet? Talk to us at the conference or visit Aconex.com/India to start the conversation.



19th FEBRUARY

Ranjib Dey

ORCHID

PRACTICING | Exp Report

01:15 - 02:15

60 min

Spit, Gather, Churn - Mining infrastructure data for IT ops intelligence

Operations teams typically have concerns over an unexpected and volatile demand of infrastructure components - compute, network, storage etc. This leads to complex management of infrastructure. This talk will showcase "Spit, Gather, Churn" methodologies to provide a scalable, elastic, adaptive IT systems for our agile offshore development teams. Spit out data in an unobtrusive manner, design infrastructure and services to pipe data into downstream systems. Gather data (logging systems/monitoring systems) in a central system. Churn information and feed them back again to the system.

19th FEBRUARY

David Morgantini

ORCHID

PRACTICING | Tutorial

03:00 - 04:00

60 min

Simple Continuous Delivery in .NET using Rake & Powershell

Continuous Delivery is important in agile development for rapid feedback. Building a full Continuous Delivery Pipeline can seem like a daunting task. This talk will demonstrate that this is not the case by building a working Continuous Delivery pipeline in less than 1 hour. This knowledge can then be extended for use in more complex systems. The talk will introduce Rake, Powershell Remoting and YAML as tools in a .NET developers toolbox to create a simple & cost effective Continuous Delivery pipeline.

Want to connect with fellow Scrum enthusiasts in India?

Need help, input, or advice on a difficult situation you're in?

Want to learn more about Scrum, TDD, XP, Kanban, and Lean from people doing it?

GoodAgile's Scrum-India has over 1200 members throughout India. Live online Q&A plus in-person events in Bangalore and other cities. Join for free at goodagile.com/scrum-india

goodagile>

Enterprise Agile

Produced by Sanjiv Augustine and Linda Cook

Agile Management is a way of managing projects to deliver customer value via adaptive planning, rapid feedback, continuous improvement and intense human interaction and collaboration.

If you are responsible for product development, project management, program management or simply team results in complex and dynamic environments; agile management can help your teams deliver better results such as: - Rapid business value realization and flexibility to change via iterative and incremental delivery - Improved customer and associate satisfaction via increased teamwork and collaboration - Higher productivity via waste reduction and closer customer alignment.

17th FEBRUARY

Daniel Brolund

BEAUMONT

10:45 - 12:15

INTRODUCTORY | **Workshop** 90 min

The empirical process - at the very core of Agile

We've all heard Agile is about empirical processes, controlled by feedback loops. But what does it mean? Most agile practices and principles are rooted in control theory. Knowing these concepts will improve the success rate at any level of an organization. In this popular science -session, software development is described as a simplified mathematical process. It will teach how feedback, sensors, noise and delays affect outcome, error and robustness of our process. People with 10+ years of agile experience and absolute beginners are likely to get something out of this session.

17th FEBRUARY

Lars Arne Skär

BEAUMONT

01:15 - 02:45

PRACTICING | **Workshop** 90 min

Managing dependencies to create value

The normal dogma of agile execution is to avoid dependencies as they are perceived to disrupt flow and the ability to act with agility. But, why avoid a dependency that creates business value such as reusing customer information across products? Why add yet another framework which would increase the technical debt when there is one suitable already there? This workshop will provide and refine a framework and practices to identify and manage the dependencies that truly create value while avoiding those that don't. This will ensure a more constructive way of dealing with dependencies.

17th FEBRUARY

Asheesh Mehdiratta

BEAUMONT

PRACTICING | Workshop

03:00 - 04:00

60 min

Agile Governance

Enterprise agility is no longer a wish list, but a stark reality grabbing headlines now ! As organization leaders managing agile enterprises, you face multiple operational challenges in the short term while pursuing long term strategic objectives. But are you well informed about your project and products aligning with your strategy? Are you getting value for your money? This workshop will engage the audience by learning from my experiences and discovering from peers, the light weight agile governance practices, which can be applied right away in your organization.

17th FEBRUARY

Evan Leybourn

CORONET II

PRACTICING | Talk

04:00 - 05:00

60 min

Autopsy of a failed agile project or Death of a thousand cuts

It is commonly accepted that at least 60% of all ICT project fail by one or more criteria including; schedule, budget, maintenance & return on investment. While agile projects fare better, with a 40% failure rate, this still implies a large number of failed projects. This presentation will forensically examine a failed agile project with the goal of helping agile project managers avoid similar issues in future. Issues (and possible resolutions) that will be discussed include; customer engagement, staff skills & capacity, stable environments, low team morale, and scope creep.

18th FEBRUARY

Balasubramaniam Muthusamy

CORONET II

PRACTICING | Exp Report

01:15 - 01:45

30 min

Predictability & Agile projects : Are they oxymoron ?

In the enterprise world, majority of the product releases are driven by road maps , time bound, defined early in the product development cycle. Where as Agile teams owning a product release wouldn't have the enough visibility to commit to these dates and are often pushed to the corner and stretched to hit the dates. There is always conflict of being able to predict release date upfront and still adhering to Agile principles. This sounds, turns into oxymoron. In this experience report, the journey of connecting these 2 ends in Yahoo! Finance site modernization project is elaborated.

18th FEBRUARY

Chirag Doshi, Dhaval Doshi

CORONET II

PRACTICING | Exp Report

01:45 - 02:45

60 min

An appreciative inquiry into an exceptionally successful Agile project

In this experience report we will share the outputs an appreciative inquiry into one of our highly successful projects. We hope that looking at what worked in our context will give you food for thought to apply to your own projects.

18th FEBRUARY

Charlie Rudd

CORONET II

PRACTICING | Talk

03:00 - 04:00

60 min

Agile Governance

Ironically, conflicts often arise between Agile practitioners and the governance policies of their organizations, even though Agile can provide an excellent (often superior) governance framework. This presentation will explain why these conflicts arise and how they can be resolved. Agile methods will be presented as a governance framework and compared against past practices. Special emphasis will be given to Agile practices as a governance framework for geographically distributed teams.

18th FEBRUARY

Matt Anderson

CORONET II

INTRODUCTORY | Talk

04:00 - 05:00

60 min

Migrating Legacy Code to an Agile Architecture

Many companies are faced with legacy solutions that are still key parts of their business, but were written in languages prior to much of the ecosystem that supports agile best practices like automated testing and continuous integration. Join Cerner Corporation as they discuss the challenges that they faced in migrating from Visual Studio 6 technologies to create an ecosystem that fully supports agile development

19th FEBRUARY

Thushara Wijewardena

CORONET II

PRACTICING | Talk

09:00 - 10:00

60 min

Bridging the gap between agile project teams and your traditional HR department

Nowadays, software companies adapt agile concepts for their development teams rapidly. However, the lack of understanding of such concepts by other facilitating entities of the organization including supporting departments , such as HR department, may create complexities and slow down the expected return of such agile transformation by its production staff. Further with current dynamic business climate, the entire organization is challenged to deliver more with less. This session will discuss such challenges in the context as well as the solutions to overcome them.

19th FEBRUARY
Satish Sukumar, Nagaraju Pappu
SENATE

 PRACTICING | **Exp Report**

09:00 - 10:00

60 min

Whirligigs and Mountains: Agile Product Development in a Large Enterprise

We present our experiences of using agile discipline that enabled the success of a technology enabled learning product within India's largest private education enterprise. We present lessons learnt in overcoming challenges of iterative product visioning, in transforming technology unaware stakeholders into product champions and in developing multiple iterations of several variant products on a common code base while working with a small development team. We present architecture and design principles that enables us to transform from programming in the lab to the programming in the world.

19th FEBRUARY
Evan Leybourn
CORONET II

 INTRODUCTORY | **Talk**

10:00 - 10:30

30 min

Implementing Agile within the Australian Public Service

This presentation will review the agile management, development and q/a methods that we have used to create successful agile change programs within the Australian public service. And will focus on case studies drawn from the experience and lessons learnt from within the Dept of Human Services and Dept of Immigration. We will examine how we brought together existing organisational processes, generic agile processes and internal subject matter experts to improve stakeholder buy-in and ensure a successful implementation. These processes can apply equally well within private sector organisations.

19th FEBRUARY
Julian Bass
CORONET II

 PRACTICING | **Research**

10:45 - 11:15

30 min

Influences on Agile Practice Tailoring in Enterprise Software Development

Distributed agile development projects have become a reality in large enterprises using offshore development models. A case study involving seven international companies with offices in Bangalore, India, and London, UK was conducted, including interviews with 19 practitioners. The contribution of this paper is to illustrate the reasons for tailoring Agile practices within the context of large enterprises. The findings show that scrum roles and practices did not conflict with enterprise policies or processes and were thought improve product quality and productivity. However, agile practices from the XP tradition were not so widely adopted. Test driven development did not integrate well within enterprises where independent quality assurance teams were constituted as separate departments. Continuous integration was found to be challenging where enterprise software products required time consuming regression testing and elaborate code release processes. While adoption coding standards and collective code ownership are necessary to facilitate interaction between disparate stakeholder groups.

19th FEBRUARY
Scott Ambler
CORONET II

 EXPERT | **Talk**

11:15 - 12:15

60 min

Agile Enterprise Architecture? Oxymoron or Savior?

Agile software delivery strategies have taken organizations by storm, and those very same organizations are now scaling agile strategies across the entire IT organization. Agile strategies are even being applied on enterprise architecture teams and are proving to be successful in practice. This presentation overviews IBM's Agile Scaling Model and how to take an agile approach to enterprise architecture. It also summarizes industry data exploring the effectiveness of agile strategies and of various enterprise architecture strategies.

19th FEBRUARY
Craig Langenfeld
CORONET II

 EXPERT | **Talk**

01:15 - 02:15

60 min

Agile Practices Proven in Highly Regulated Environments

Many organisations operatin in highly regulated environments, such as healthcare, have concluded that in order to achieve the next level of product quality and safety improvements, not to mention enhanced competitiveness, adoption of a more Agile approach is required. In this presentation, you will learn how the Agile software development approach for high assurance systems addresses many of the challenges found in many highly regulated enterprise environments.

19th FEBRUARY
Yashasree Barve
CORONET II

 PRACTICING | **Exp Report**

02:15 - 02:45

30 min

As an Architect, I want to do things, So that my Enterprise is Agile!

An Agile needs to ensure high quality in frequent deliveries, align evolving architecture with Enterprise patterns/practices, Non Functional requirements, manage Knowledge and support the support groups in the light of minimal documentation. I would love to tell my story as an Architect in an Agile Enterprise over last 4 years. It s a story of how as Architects, we Engage, Empower our teams as they share knowledge, embrace engineering practices, and Excel.

19th FEBRUARY
Scott Ambler
CORONET II

 PRACTICING | **Exp Report**

03:00 - 04:00

60 min

The Agile Scaling Model (ASM): Be as Agile as You Need to Be

The Agile Scaling Model provides the context and advice for effectively tailoring agile techniques. It describes how to extend the agile construction life cycle into a full-fledged disciplined agile delivery life cycle. It then describes how to tailor agile practices to address scaling factors which an agile team may face, including team size, physical distribution, organizational distribution, regulatory compliance, organizational complexity, technical complexity, and enterprise disciplines (such as enterprise architecture, reuse, and portfolio management).



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Why TeamPulse?



First place in Visual Studio Magazine Readers Choice 2011 in the "Collaboration, Project Management and Agile Solutions" category



GIDS 2011 Award in the "Change and Configuration Management" category at the Great Indian Developer Summit

Lean Principles and Practices

Produced by Balachander Swaminathan and Mary Poppendieck

The idea of leanness has been around for several years and has been successfully adopted across industries. The software industry has also been a beneficiary, though the adoption and propagation of these concepts is still in the early stages. There seems to be an increasing belief within the Agile community that greater adoption of these concepts (some of which are anyway inherent in agile software development) can lead to tremendous efficiencies in the way software is developed along with other allied benefits. The Lean Principles and Practices stage will focus on the application of Lean principles to software development. The intent is to explore the current state of research and practice in this area. Ideas or practices related to kanban, JIT, A3, minimising WIP, jidoka, etc. and the fundamental people centric elements of lean in relation to software development are likely to be discussed. This stage will also showcase real examples of software projects that have borrowed from various lean concepts and adapted them to their environments in an attempt to make their projects deliver more efficiently. Overall, the goal for this stage is to act as a platform for spreading these messages to a wider aligned audience and provide a fillip to the adoption of these concepts for the betterment of the software industry.

17th FEBRUARY

Masa K Maeda

UTSAV

INTRODUCTORY | Tutorial

09:30 - 10:30

60 min

Theory of Constraints: a fun and easy way to learn it

The Theory of Constraints is a very powerful tool to be more effective doing continuous improvement. It has applications on any kind of industry and activity. It is core to Lean thinking and Kanban (and it is 100% applicable in Agile environments too). TOC could be hard to understand and this is a fun and very effective game to easily learn and understand it. This is my own version of similar games presented elsewhere, such as the version by Steve Bockman.

17th FEBRUARY

William Rowden

UTSAV

INTRODUCTORY | Talk

10:45 - 12:15

90 min

Lean Workflow: A Parable in Pictures

This talk is the tale of two Scrum teams—team Shu that watched utilization and team Ha that watched lead time—diagrammed on their task boards. Watching work in progress on a task board is sufficient to explain throughput, local sub-optimization, constraints, utilization, efficiency, service time, lead time—and why even Scrum teams would benefit from a Kanban. Additional maps illustrate wait time, value streams, and wastes. The result is an introduction to Lean, its pillars and principles, primarily in pictures.

17th FEBRUARY

Santhana Krishnan

UTSAV

PRACTICING | Exp Report

01:15 - 02:15

60 min

Using Lean practices in Agile Fixed Bid project

Fixed bid software projects are always challenging. Add: changing scope, 16 integrations, client new to agile and to distributed project execution. Still, we managed to deliver. My session would explain how we customized Agile XP Framework to use certain Lean tenets like Cumulative Flow Diagram for planning and tracking, Story Rate to identify the emerging patterns in productivity and Story Cycle Time to study and increase the throughput to deliver this project. End of the session, you will be able to appreciate the value of certain Lean Practices in Agile Software Development.

17th FEBRUARY

Balachander Swaminathan, Karuna Jain

UTSAV

PRACTICING | Research

02:15 - 02:45

30 min

Implementing the Lean concepts of Continuous Improvement and Flow on an Agile Software Development Project - An Industrial Case Study

The idea of applying lean principles to software development has been gathering a lot of interest over the last decade. Several books have been published exploring the lessons learned from manufacturing around lean. Some books have also taken the principles of lean manufacturing and provided the guidelines for adapting the same to software development. However, there is still a huge need for providing empirical evidence of application of lean principles to software development through real case studies. This paper attempts at making a contribution in that direction, by exploring the implementation of the ideas of continuous improvement and flow, which are so central to lean, on a real life industrial project. Besides exploring the practices that aid these concepts in agile software development, this paper also discusses some of the metrics that can be used for measuring and tracking progress of such a project. The study shows that applying the concepts of continuous improvement and flow to agile software development does seem to have significant benefits, and is something that needs to be extended further and applied to different project situations.

17th FEBRUARY

Govindarajan S Sundararajan

UTSAV

PRACTICING | Tutorial

03:00 - 04:00

60 min

Kanban for Software Projects - A Practitioner's view of 'Pull' in projects

The talk will help its attendees understand the founding principles of a Kanban based system, the advantages of adopting lean techniques in software projects and the various trade offs of adopting the Kanban principles. The talk describes the experience of a project that adopted the Kanban principles to execute a project. The methodology borrows many of its concepts from the Lean world such as Pull based work streams, minimum work in progress and awareness about slack. The talk describes the various decision points and why a particular technique was adopted and what were the outcomes.

17th FEBRUARY

Alexei Zhegllov

ORCHID

INTRODUCTORY | Workshop

04:00 - 05:00

60 min

Lean Coffee or an Introduction to Personal Kanban

Personal Kanban applies Kanban's core principles (visualize what you do, pull, limit work-in-progress) to personal work. Just as its big enterprise sibling, Personal Kanban can be your improvement engine. You can apply it to handling tasks during a sprint, conducting a business meeting, planning professional development, and other types of work. This session will both explain the principles and give you hands-on experience with Personal Kanban. You will leave with a valuable personal effectiveness and improvement tool.

18th FEBRUARY

Masa K Maeda

UTSAV

INTRODUCTORY | Workshop

10:45 - 12:15

90 min

Kanban primer

Kanban is a highly versatile and powerful method to manage and accelerate improvement in the team and the organization. Kanban is for those who desire to improve their processes and productivity. Referred to as a 2nd generation agile method or a lean method, it is being adopted in all regions of the world and in organizations of over 100K employees. (See the Process/Mechanics section for details).

18th FEBRUARY

Ken Power, Kieran Conboy

ORCHID

PRACTICING | Workshop

01:15 - 02:45

90 min

Identifying and Eliminating Waste in Complex Product Development Organizations

Product Development can be viewed as a Complex Adaptive System. Different people, groups, organizations and systems collaborate in a complex network of relationships and dependencies to produce something of value - generally a product or service. Identifying waste in this value network is a critical step towards creating a truly lean organization. This interactive, hands-on workshop will (1) demonstrate exercises that identify waste, (2) provide a framework for managing waste, and (3) provide concrete strategies and practices for eliminating waste in your organization.

18th FEBRUARY

Gaetano Mazzanti

UTSAV

PRACTICING | Talk

03:00 - 04:00

60 min

Metrics as learn and change agents

This is a talk about complexity, learning and change and how metrics can help to deal with these aspects. We will talk about goals, proxy variables, boundary objects and double loop learning and see how metrics can be key in fostering continuous improvement and pivoting. We will then introduce metric quadrants, discuss which metrics fit where and which correlations exist between different quadrants. Some real examples will be presented showing how motion charts can help in visualizing metrics evolution. To close, audience will be offered some examples of simple but effective metrics.

18th FEBRUARY

Mosesraj R, Smitha Thumbikkat

UTSAV

INTRODUCTORY | Tutorial

04:00 - 05:00

60 min

Indwelling and outflowing, applying the JIDOKA principle

A CXO said, he expects superior engineering and value but how? Jidoka has in its root, a philosophy to approach this. Jidoka crudely could be said to be a system that identifies errors by itself but needs human intelligence to fix it. One of the common outflowing measure is “defect” that explains what it is not. Can there be indwelling measures to show “what it IS”. A sharepoint widget has 6- 8 dimensions of requirements. A measure of this shows what requirement IS. This talk covers indwelling measures across engineering for objective decision making

19th FEBRUARY

Karthikeyan Iyer

UTSAV

EXPERT | Tutorial

09:00 - 12:15

180 min

Making IT Flow: Lean Inventive Systems Thinking for Software and Knowledge Work

Complex software systems and processes hide inefficiencies, risks and wastes resulting in requirements churn, large number of defects, long unanticipated rework cycles and process fatigue. Overcoming this complexity requires new non-linear innovation approaches. The workshop stitches together Crafitti's experiments, experiential learning and future outlook on process innovation. Participants will be exposed to Crafitti's Lean Inventive Systems Thinking approach to improve knowledge work productivity - an integrated approach for continuous experimentation, creativity and learning.

19th FEBRUARY

Belkis Vasquez-McCall

UTSAV

PRACTICING | Exp Report

01:15 - 01:45

30 min

Reduce Waste Campaign- Are you up for the challenge?

Do your teams feel like they have mastered Agile development and there's nothing that they can improve? Well, that's how teams in our organization began to feel after practicing Agile development for over four years. Teams in our organization began to feel saturated. They were executing Agile projects in a harmonic rhythm. Things were running smooth in our development organization, issues were handled gracefully without any complains. How could everything be fine? If this was the plateau, we had to find a way to break it. We needed to push our teams to take Agile to the next level.

18th FEBRUARY

Girish Hegde, Rajith Raveendranath

UTSAV

PRACTICING | Exp Report

01:45 - 02:15

30 min

TOC & Kanban applied in embedded domain for a project with world-wide deployment

This is about how a protocol stack development team applied the TOC's POOGI steps to analyze & address the concerns of 50+ customers. The work included both Maintenance & New requirements. On an avg team receives 50+ new requirements in a year; is maintaining a base code of 1M LOC and is deployed world wide. Team transitioned from traditional V model to Scrum and later adopted Kanban & Kaizen practices which greatly helped in achieving the much needed JIT. Effective application of Lean Thinking & adhering to the team protocols, resulted in 20% efficiency improvement with High Quality.

Lean Startups

Produced by Akkiraju Bhattiprolu

Startups in India are on a rise. Specifically the product startups as it is discussed in this report <http://tinyurl.com/6axyxbf>.

Arguably, the Indian IT industry is built on the strong service/consulting mindset and heavy weight process models. That mindset and tools are ill equipped to offer any value to the startups. That also resulted in a clear scarcity of workforce suitable for startups.

On the other hand, Agile has been the champion of the startups for all the new generation product development organizations around the world. The ability it offers to mend ways to suite the changing market demands, its natural preference to create self managed teams are some of the reasons.

The emergence of “Lean Startup” concept has been readily accepted as the natural fit for the needs of such startups. It is considered to be the most innovative set of ideas to enter the Agile arena in the last few years. It pushes the boundaries beyond what people previously considered feasible and calls Agile orthodoxy into question. It is remaking the software industry, starting with startups and now changing enterprises as well.

This stage focuses on bringing out some of the following themes but not limited by them.

- Startup case studies
- Lean Startup concepts: Customer Development, Market based validation, A/B testing,
- Lean Startup metrics
- Product prioritization & laying the road map. What does agile offer in this. (like story maps)
- How to structure the teams in terms of roles and responsibilities
- How can Agile optimize the costs in all the above dimensionsAny other dimensions of relevance

19th FEBRUARY

Akkiraju Bhattiprolu, Vinay Dabholkar

CORONET I

EXPERT | Workshop

09:00 - 10:30

90 min

Applying Innovathon, a systematic innovation model to customer development

A set of tools and methods that can be employed within the customer development process. Systematic innovation involves multiple steps: (1) Need identification, (2) Idea generation, (3) Experimentation, (4) Prioritization of ideas. Innovathon has not been devised specifically to Lean Startups. What this specific workshop does is, applying this Innovathon model to the customer development phase of Lean Startup. Lean Startup model opens up multiple ways to reach customers and collect needs. However, classifying those needs, ideas needed to address them will require some discipline.

19th FEBRUARY

Aakash Dharmadhikari, Jasim A Basheer

CORONET I

PRACTICING | Exp Report

11:15 - 12:15

60 min

Launching a Minimum Viable Product in a month

Although RubyMonk (<http://rubymonk.com>) is the first product we released, but it wasn't the first one we started with. It went from whiteboard to private alpha in 35 days flat. In this talk we will take you through the events, feedbacks and discussions that made us (1) Choose this idea over the others, (2) Start with 6 features and release with 2, (3) Release with content that was less than 20% of what we had planned for, and still felt a day after that it was unnecessary It's about the decisions we will stick to and the decisions that we will change if we have to start from scratch again.

19th FEBRUARY

Bhavin Javia

CORONET I

PRACTICING | Talk

03:00 - 04:00

60 min

Agile for Startups

Startup businesses face significant risk in the search for a sustainable, profitable and scalable business model. Agile methods offer a way of reducing the risk for both the technical implementation and the development of customers. This is achieved by increasing the ability for a Startup to adapt to change and to incorporate the lessons learned from early customer engagement. In this presentation the nature of technology Startups is examined and the application of Agile principles, practices and tools discussed, together with real life experiences from a Startup business.

Leadership & Organisational Transformation

Produced by Mahesh Singh and Mike Russell

Leaders at all levels and in all areas must fundamentally change themselves and the organization to catalyse change to enable agile transformation or scaling. Implementing changes to technical practices or development teams is not enough; a broader, more comprehensive approach is needed.

Traditionally, organisations have depended on hierarchical structures, top-down/ centralised leadership styles, and deterministic methods to manage projects and implement change. As the same organisations adopt Agile/ Lean methods, they will need to redesign structures and management philosophy to remove built-in impediments to success and foster an environment of innovation and continuous improvement. Furthermore, key aspects like success/failure metrics and operational mechanisms like budgeting will need to be revamped or replaced.

Currently, we often see a continuous struggle between managing projects and operations the 'same old way' rather than truly embrace the principles of Agile/Lean, with behaviors occurring along the following themes:

- Senior management push for maximum utilisation, then expect project teams to take on additional/ work (customer interrupts) while continuing to expect that everything else the team is/ was working on will also get delivered on the same schedule and to the same scope.
- Senior managers, as well as Project Managers, continue to focus on effort – planned/ estimated vs. actual, employee productivity and actual attendance at work, rather than results like work completed, products/ features delivered, improvements in quality, lead times, etc.
- Customers say they want agile methods implemented but still expect to get fixed price/ scope/ time projects, same reporting metrics as before, etc.
- Teams are cited as necessary for improvement, but then team members are evaluated as individuals, reinforcing anti-team behaviors long-term.

This stage invites proposals for the above themes as well as related themes in this area.



17th FEBRUARY

Mike Russell

CORONET I

INTRODUCTORY | Talk

09:30 - 10:30

60 min

Conquer Chaos Designing the Business System for Agility

Companies fail every day from a lack of balance between opposing needs of right now profit versus investing in innovation to thrive long-term. Sometimes they struggle due to chaotic careening between the two needs. Why? Because the business system is designed to fail. This need not be! Come learn how leadership, system/design thinking, and lean/agile principles interact in the context of strategy, and how to leverage what you already know to start conquering some of these challenges. This is especially critical if you want to introduce lean/agile approaches successfully.

17th FEBRUARY

Charlie Rudd

CORONET I

PRACTICING | Talk

10:45 - 12:15

90 min

Confronting Business Uncertainty

We can never manage uncertainty. Yet in today's business environment we confront it all the time. This talk explains why Agile principles are needed to make good management decisions in an uncertain business environment and why past practices no longer work. We will review what drives business uncertainty and why it's here to stay. We will introduce Agile management principles and explain how they help us navigate uncertainty. We will learn how to use these principles to exploit new business opportunities, reduce business risk and increase returns, while decreasing investment requirements.

17th FEBRUARY

Masa K Maeda

CORONET I

PRACTICING | Talk

01:15 - 02:45

90 min

Lean Value Innovation

Lean and agile offer good ways to improve organizations but adoption is difficult when the organization is highly dysfunctional and most times adoption is not attempted or fails. Some lean and agile organizations are not as effective as they could be because of issues related to the human factor. I propose Lean Value Innovation (LVU), a framework that brings together innovative thinking, innovation fostering environment, and innovative tools/methods. LVU emphasizes the balance between value to customer and value to enterprise. Result is an acceleration in competitive advantage and maturity.

17th FEBRUARY

Prabhakar Karve

CORONET I

PRACTICING | Talk

03:00 - 04:00

60 min

Structured freedom With rules and strategies

Agile is about self-organizing, empowered teams. More freedom is expected than what traditional project management offers. Leaders have a challenge to balance this freedom with need for predictable outcomes. Rules are mandatory; strategies are optional. Rules provide stability & continuity, while strategies help adapt to different situations. Too many or wrong rules diminish freedom. Too few and we are in danger of losing control. The session introduces concept of Structured freedom and explains with examples how the right balance between rules and strategies can be achieved.

17th FEBRUARY

SaiHo Yuen

CORONET I

PRACTICING | Talk

04:00 - 05:00

60 min

Risks and strategies : Adopting Agile in medium and large organization

The purpose of this talk is to propose a logical and pragmatic mechanism to implement Agile practices into medium and large sized organisations. First, we will highlight and categorize the risks associated, such as : organisation, change process, human factor and communication. In a second step, we will propose coherent migration strategies which focus on acceptance, communication and evolutive aspect of change. Finally, we will suggest a list of activities that could help managers to succeed their migration.

18th FEBRUARY

Jeeson Daniel J.

CORONET I

PRACTICING | Research

01:15 - 01:45

30 min

Emergence of Agile Methods: Perceptions from Software Practitioners in Malaysia

Agile methods are an established process for developing software nowadays. There is, however, less evidence on its usage among software practitioners in Malaysia. While the methods have become mainstream in other regions, that is not the case in this country. This paper empirically investigates the perceptions of Agile methods usage from seven organisations involving 14 software practitioners in Malaysia. Our participants are using Scrum and have a maximum of five years experience. We categorised our findings in terms of awareness, introduction, and challenges they are facing, together with the suggested and practiced solution from them. Interestingly, a change in mind set when practicing Agile was identified to be helpful in reducing the challenges. Lastly we present the practices in Agile they perceived to deliver the most benefits. We found that the use of Agile is still emerging in the country, and awareness is still lacking especially within the government sector. Although several challenges have been encountered when introducing Agile in their organisations, the benefits of Agile are reported to be in Agile practices such as: the involvement from all parties from the beginning, daily stand-up meeting, iterative and incremental, applying burn down chart, sprint and continuous integration. We aim to provide awareness and knowledge about Agile methods to the practitioners in the country and the nearby region.

18th FEBRUARY*Matt Anderson***CORONET I**INTRODUCTORY | **Talk**

01:45 - 02:45

60 min

Big Bang Agile Roll-out

There are two philosophies when adopting agile at the enterprise level: incremental or big bang. For those that choose the big bang, there are many considerations that need to be implemented to ensure a successful roll-out. A plan with short, medium and long range goals needs to be created to prevent agile from just being a fad or just slapping an agile label on a waterfall process. Join Cerner Corporation as they discuss their big bang implementation across 5 global offices and 2000+ associates in less than 6 months.

18th FEBRUARY*Keith Nottenson***CORONET I**PRACTICING | **Exp Report**

03:00 - 04:00

60 min

The Continuing Adventures of Yahoo's Agile Transformation

Yahoo! has become the premier digital media company with the top Sports, Finance and News sites as well as top rated original video content. Yahoo's Agile journey began as a grass roots movement before the pilot program it inspired began in earnest in early 2005. This presentation will describe the ebb and flow of Yahoo's Agile adventures using previously published case studies to show where Yahoo has been, we will examine where Yahoo is today, and suggest a course for tomorrow. This experience report will include challenges and lessons learned.

18th FEBRUARY*Dinesh Sharma***UTSAV**PRACTICING | **Exp Report**

04:00 - 05:00

60 min

Case Study: Customer Collaboration over Contract Negotiation

A case study of following one of values from agile manifesto "Customer Collaboration over Contract Negotiation" in Fixed Price & Fixed Scope project. How we convinced our Customer, Business and Delivery team to follow Agile, even though project was agreed to be delivered on Waterfall model. Learn how we transform our Customer's thinking in Agile way of working and help them to be more Collaborative.

Research

We are proud to announce a Research Stage at the Agile India 2012 conference. The popularity of Agile software development in industries around the world has been reflected in the increasing number of researches on the topic. The Research Stage is specifically designed to bring together researchers and academics from around the world and showcase both validated results as well as new and emerging ideas in Agile research.

We invited researchers and academics to submit their contributions to the Research Stage. We aim at bridging the gap between research and practice, and encourage submission of case studies, action research studies, grounded theory studies, experiments, surveys and literature reviews.

There are two types of submissions invited for the Research stage:

- Full-papers, limited to 10 pages, that report original and significant results
- Short-papers, limited to 4 pages, that report original research work that explore new ideas and/or have emerging results.

The Research stage program committee consists of world experts on Agile software development research. Papers underwent a rigorous double-blind peer-review process, by reviewers selected from the program committee. Both full-papers and short-papers will be published in the electronic proceedings and indexed in IEEE Xplore.

ACCEPTED RESEARCH PAPERS

Full research paper presentations are spread across the conference program and are scheduled within stages most closely related to the topic of the paper. These include research presentations at Enterprise Agile; Dev Ops; Culture, People & Teams; Lean Principles and Practices; Leadership and Organizational Transformation; and Research Cafe stages.

All short and position research paper presentations will be held as a part of a Poster Madness session in the Research Cafe stage, along with an Open Space.

Full Research Papers

- **Influences on Agile Practice Tailoring in Enterprise Software Development**

Julian Bass, Robert Gordon University, United Kingdom

[Enterprise Agile Stage: 19th Sunday, 10:45-11:15]

“Distributed agile development projects have become a reality in large enterprises using offshore development models. A case study involving seven international companies with offices in Bangalore, India, and London, UK was conducted, including interviews with 19 practitioners. The contribution of this paper is to illustrate the reasons for tailoring Agile practices within the context of large enterprises. The findings show that scrum roles and practices did not conflict with enterprise policies or processes and were thought improve product quality and productivity. However, agile practices from the XP tradition were not so widely adopted. Test driven development did not integrate well within enterprises where independent quality assurance teams were constituted as separate departments. Continuous integration was found to be challenging where enterprise software products required time consuming regression testing and elaborate code release processes. While adoption coding standards and collective code ownership are necessary to facilitate interaction between disparate stakeholder groups.”

- **Implementing the Lean concepts of Continuous Improvement and Flow on an Agile Software Development Project - An Industrial Case Study**

Balachander Swaminathan and Karuna Jain, IIT Bombay, India

[Lean Principles and Practices Stage: 17th Friday, 02:15-02:45]

“The idea of applying lean principles to software development has been gathering a lot of interest over the last decade. Several books have been published exploring the lessons learned from manufacturing around lean. Some books have also taken the principles of lean manufacturing and provided the guidelines for adapting the same to software development. However, there is still a huge need for providing empirical evidence of application of lean principles to software development through real case studies. This paper attempts at making a contribution in that direction, by exploring the implementation of the ideas of continuous improvement and flow, which are so central to lean, on a real life industrial project. Besides exploring the practices that aid these concepts in agile software development, this paper also discusses some of the metrics that can be used for measuring and tracking progress of such a project. The study shows that applying the concepts of continuous improvement and flow to agile software development does seem to have

significant benefits, and is something that needs to be extended further and applied to different project situations.”

- **Investigating Equity of Participation in Pair Programming**

Laura Plonka, Judith Segal, Helen Sharp and Janet Van Der Linden

The Open University, United Kingdom

[Culture, People & Teams Stage: 17th Friday, 04:00-04:30]

“Pair Programming (PP) is a software development practice where two programmers share a mouse and keyboard while working together on one computer. A concern among some practitioners is that PP might be a waste of resources if developers have a very low equity of participation, for example, when one developer is doing all the work and the other is not contributing at all. This paper investigates this concern by analysing the equity of participation in industrial pair programming sessions. It quantifies two different types of contributions; verbal contributions and driving contributions. As a result, we found that two thirds of the PP sessions are not equitable. Based on interviews with the developers, we analyse which factors influence the equity of participation. We found that the choice of the workstation, personal preferences, PP experience, work style and skill differences influence who is driving. Additionally, we discuss the implications of sessions that are not equitable and whether the concept of equity of participation could be used as metric to evaluate PP.”

- **Emergence of Agile Methods: Perceptions from Software Practitioners in Malaysia**

Ani Liza Asnawi, Andrew M Gravell and Gary B Wills

University of Southampton, United Kingdom

[Leadership and Organizational Transformation Stage: 18th Saturday, 01:15-01:45]

“Agile methods are an established process for developing software nowadays. There is, however, less evidence on its usage among software practitioners in Malaysia. While the methods have become mainstream in other regions, that is not the case in this country. This paper empirically investigates the perceptions of Agile methods usage from seven organisations involving 14 software practitioners in Malaysia. Our participants are using Scrum and have a maximum of five years experience. We categorised our findings in terms of awareness, introduction, and challenges they are facing, together with the suggested and practiced solution from them. Interestingly, a change in mind set when practicing Agile was identified to be helpful in reducing the challenges. Lastly we present the practices in Agile they perceived to deliver the most benefits. We found that the use of Agile is still emerging in the country, and awareness is still lacking especially within the government sector. Although several challenges have been encountered when introducing Agile in their

organisations, the benefits of Agile are reported to be in Agile practices such as: the involvement from all parties from the beginning, daily stand-up meeting, iterative and incremental, applying burn down chart, sprint and continuous integration. We aim to provide awareness and knowledge about Agile methods to the practitioners in the country and the nearby region. This paper can serve as a reference to the early adopters who intend to use Agile methods in the future.”

- **Integration Analysis of Security Activities from the perspective of agility**

Sonia and Archana Singhal, University of Delhi, India

[Research Cafe: 19th Sunday, 11:15-11:45]

“To combat the increasing trends of security breaches reported nowadays, there is a need to deploy strict security activities with various development methodologies. In the present work we are focusing on an extremely popular agile development Methodology. These methodologies are informal and lightweight in nature having short timescales. But integration of security activities with agile activities always falls short of expectations, as security practices are not able to adapt such characteristics possessed by agile software easily. Therefore, in this paper we keep a step further for injecting security activities with agile methodologies. Here we propose a novel approach which provides quantitative measure of agility for security activities in terms of real agility degree (RAD). It determines the degree of compatibility of a security activity with agile process. We have also presented a comparative analysis of security activities with each other in context of RAD and risk removal efficiency of a security activity.”

- **Comparative Experiments of Agile Software Development**

Keiko Shimazu, KEIO University, Japan

[Dev Ops Stage: 18th Saturday, 05:00-05:30]

“This paper reports the result of comparative experiments, in order to confirm efficiency and effectiveness of introducing Vee model as a agile development template. This method is efficient to identify the items in ConOps (Concept of OPERATIONs), a standard provided by IEEE. The main purpose of the chart is to execute the requirement development process sufficiently, which is in the Concept Stage within the service lifecycle, without increasing the cost. Utilizing this chart also reduces the extra costs of the Development Stage caused by errors that are extremely difficult to estimate during the planning phase. High quality service system won’t have cost overrun problem in any phase. We established two identical enterprise service systems each using different cases and compared their development costs. The first case is to proceed with systems architecture development and systems designing based on the initial requirements provided

by sponsors and then move on to the Development Stage. The second case is to use Vee model as an agile development template. The result of those experimental studies demonstrated effectiveness of the model, according to show extremely improvement on the aspect of time period and costs.”

- **Agile Practices in Higher Education: A Case Study**
Venkatesh Kamat and Shailaja Sardesai, Goa University, India
[Research Cafe: 19th Sunday, 10:45-11:15]

“Indian higher education is looking forward to major reforms. In the past, much of the efforts to bring in reforms have proved to be counter productive. There is so much of wastage of talent and resources that one is compelled to think whether the agile practices that have met with so much of success in manufacturing and in software industry can be of any help in education sector as well. With this guided inquiry we carried out an experiment to practice few of these principles and the results are very encouraging. In this paper we discuss the motivation behind applying agile practices in higher education and the methodology adopted by us with the help of a case study.”

SHORT RESEARCH PAPERS

Research Cafe: 19th Sunday, 09:00-12:15

- **How much architecture? Reducing the up-front effort**
Michael Waterman, James Noble and George Allan
Victoria University of Wellington, New Zealand

“A key part of software architecture is the design of the high level structure of a software system – an exercise in planning ahead. Agile software development methods discourage planning ahead, encapsulated by the Agile Manifesto philosophy “[we value] responding to change over following a plan”. Development without architecture planning risks failure. This leads to a paradox: how can you plan ahead while using a methodology that promotes not planning ahead? This paper introduces Grounded Theory research that is exploring the use of architecture in agile methodologies by industry practitioners. Early results show that the experience of the architects and predefined or template architectures both help to reduce the architectural effort required in a development project.”

- **Factor Analysis: Investigating Important Aspects for Agile Adoption in Malaysia**
Ani Liza Asnawi, Andrew M Gravell and Gary B Wills
University of Southampton, United Kingdom

“This paper focuses on identifying the important aspects of Agile adoption from software practitioners in Malaysia. We analyse 27 Agile adoption variables from a survey of early Agile users in Malaysia. Factor analysis is conducted to identify the clusters of the variables (or items) and how they are inter-related to produce factors. Most of the respondents are from software organisations in Kuala Lumpur and Selangor; in which most of the companies are located in Malaysia. The clusters of variables resulting from this analysis can serve as a reference to the practitioners planning to adopt the methodology. The top factors identified from this study are shown in terms of (i) developer involvement and organisation-related aspects, (ii) cultural and people related aspects and (iii) customer collaboration and the need for professional skills when using Agile methods. In addition, factor analysis discovered that practitioners disagreed about the importance of the technical aspects of Agile. While we believe that these findings are particularly important from the Malaysian perspective, however, they also help add to the body of evidence in the field of software engineering and software process particularly in terms of Agile methods adoption. Moreover, the study also can help adopters from the nearby geographical regions to understand and see the suitability of Agile methods for their organisations.”

- **Quality Assurance in Agile – Drive towards achieving excellence**
Sonali Bhasin, Nokia Siemens Networks, India

“Agile Methods are known to have built-in quality management system, however there are still challenges seen in the real life scenarios within the software organizations that are transitioning from traditional method to Agile development methods. Traditional QA techniques are reporting based and rely on heavy weight inspection methods whereas Agile QA techniques are built-in daily activities by teams. Research proposal here aims to study various challenges faced in terms of assuring quality in Agile , what are the key drivers or indicators of Quality in agile and proposing the framework to evaluate what aspects of Agile improve the quality of the product in terms of bug rates , development time and costs. Through this study we aim to provide some suggestions to help organizations overcome obstacles expected in adopting the agile method as software development tool and ensuring quality.”

- **Using Scrum for Software Engineering Class Projects**
Ramrao Wagh, Goa University, India

“Imparting industry relevant skills and knowledge for the graduating students in the field of Software Engineering is difficult but is required to make the students employable and productive right from the joining. With outdated curriculum and slow process of revision of syllabi it is difficult to achieve this objective. This paper discusses how one of the popular project management frameworks, Scrum can be taught and used to teach basic concepts of project management without revising the syllabus. It discusses the rise in motivation and interest level of students due to adoption of this approach. It also shows the flexibility of this agile approach to adapt to a situation different than a normal software development scenario in an organization.”

POSITION PAPERS

Research Cafe: 19th Sunday, 09:00-12:15

- **Using Social Media for Collaborative Intelligence in Agile Projects**
Kissan Gauns Dessai and Ramrao Wagh
Shree Damodar College of Commerce & Economics, India

“Delivering software solutions faster, better and cheaper remains to be one of the challenges in the software industry even today. The task of software developer is greatly simplified if any approach is available to them that will ensure better interactivity, collaboration, sharing and an optimal exploitation of collaborative intelligence. In the recent past more and more software enterprises are shifting towards light weight and agile methods to achieve the goal of rapid, cost effective and quality software. In this paper we propose use of the social media services for collaborative intelligence in agile projects. This approach will assist software practitioners to communicate with each other and community experts for sharing tacit knowledge to solve recurrent/demanding software tasks quickly. This is win-win approach that is focused towards sharing of intelligence and keeping it ready, Just-In-Case (JIC) it is required and/or creating solution, Just-In-Time (JIT) as and when needed. The anecdotal evidence suggest that any such approach where intelligence is shared collaboratively leads to solving problem quickly and comprehensively with less pressure on human resources and better productivity.”

- **Model Evolution in Agile Software Development**
Qichao Liu, University of Alabama at Birmingham, United States

“Agile software development is becoming popular in the industry area due to its good features for constructing software system. This paper is illustrating the necessity of conducting model evolution research in agile software development.”

- **Improving Learning Outcome through Iterative Teaching/Learning Methodology**
Kissan Gauns Dessai, Shree Damodar College of Commerce & Economics, Goa, India

“Student success is greatly determined by methodology adopted by teacher during teaching/learning process. In our current educational system teaching/learning is a one-way process where after teaching the set of course content, students are assessed and evaluated. The student’s performance is not used in analyzing the understanding level achieved by students and to improve their grey areas before finalizing the result. This paper proposes a novel iterative teaching/learning model for collaborative learning where students can relearn unclear topics & verify the understanding of those topics iteratively before undergoing derivative evaluation to test the amount of added knowledge gained/improve overall performance.”

- **Does Agile Development Fit in the Actual Context of Software Quality?**
Célio Santana, Cristine Gusmao, Hélio Filho, Alexandre Vasconcelos
Universidade Federal Rural de Pernambuco, Brazil

“Since 1968 computer science tried to adopt elements of the traditional engineering in order to address the problems of quality and failures in the development of information systems. Many software quality references such as CMMI or six sigma are based in traditional engineering. Agile development reveals that it is hard to meeting the changing requirements right up to the level of product deployment. This paper presents how agile development needs could compromise its relationship with traditional quality software approaches.”

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