

SPICE 2018 Outline Programme

Monday 8 October					
19.00 – 21.00	Welcome Reception (Cocktails) at conference hotel All conference delegates and their partners are warmly invited to attend the welcome reception on Monday evening before the conference opens				
Tuesday 9 October					
9.00 – 9.30	Registration				
9.30 – 10.00	Conference Opening and Welcome Address				
10.00 – 11.00	Keynote 1 (Chair I. Stamelos) Diogenis Stogiannaris, INTRACOM				
11.00 – 11.30	Coffee break				
11.30 – 13.00	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Session 1 (Chair R. O'Connor) SPI Systematic Literature Reviews</td> <td style="width: 50%; border: none;">Session 2 (Chair T. Rout) SPI Methods and Reference Models</td> </tr> </table>	Session 1 (Chair R. O'Connor) SPI Systematic Literature Reviews	Session 2 (Chair T. Rout) SPI Methods and Reference Models		
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13.00 – 14.30	Lunch				
14.30 – 16.00	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Session 3 (Chair F. Stallinger) SPI and Assessment</td> <td style="width: 50%; border: none;">Session 4 (Chair C. Salviano) SPI Knowledge and Change Processes</td> </tr> </table>	Session 3 (Chair F. Stallinger) SPI and Assessment	Session 4 (Chair C. Salviano) SPI Knowledge and Change Processes		
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16.00 – 16.30	Coffee break				
16.30 – 18.00	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Session 5 (Chair O. Ozcan-Top) SPI Education and Mangement Issues</td> <td style="width: 50%; border: none;">Session 6 (Chair G. Lami) SPI Compliance and Configuration</td> </tr> </table>	Session 5 (Chair O. Ozcan-Top) SPI Education and Mangement Issues	Session 6 (Chair G. Lami) SPI Compliance and Configuration		
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20.30 - late	Conference Dinner (Hotel Terrasse)				
Wednesday 10 October					
9.30 – 10.00	Registration				
10.00 – 11.00	Keynote 2 (Chair A. Dorling) Sundeep Oberoi, Tata Consultancy Services & Chair ISO/IEC JTC1/SC7				
11.00 – 11.30	Coffee break				
11.30 – 13.30	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Session 7 (Chair S. Cortina) SPI and Agile</td> <td style="width: 50%; border: none;">Session 8 (Chair E. Breske) Industry Short Papers</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;">Session 9 – Workshop on Trends in Software Process Improvement (Chair I. Stamelos)</td> </tr> </table>	Session 7 (Chair S. Cortina) SPI and Agile	Session 8 (Chair E. Breske) Industry Short Papers		Session 9 – Workshop on Trends in Software Process Improvement (Chair I. Stamelos)
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13.30 – 15.00	Lunch				
15.00 – 16.00	Panel Session (Moderator A. Dorling)				
16.00 – 17.00	Conference Close				



SPICE 2018 Detailed Programme

* All talks/sessions/coffee breaks at the Hotel Mezzanine floor

** Lunch at the Hotel Ground floor

*** Gala dinner at the Hotel Terrasse

Session 1 – SPI Systematic Literature Reviews
Techniques based on Data Science for Software Processes: A Systematic Literature Review <i>Alvaro Fernández Del Carpio and Leonardo Bermón Angarita</i>
A Systematic Literature Review on the Gamification Monitoring Phase: how SPI Standards Can Contribute to Gamification Maturity <i>Manuel Trinidad, Alejandro Calderón and Mercedes Ruiz</i>
Permissioned Bockchains and Smart Contracts into Agile Software Processes <i>Sofia Terzi and Ioannis Stamelos</i>
Session 2 – SPI Methods and Reference Models
Evolving PRO2PI Methodology considering recent challenges and changes in the SPI context <i>Clenio F. Salviano</i>
An Ontology-based Model for ITIL Process Assessment using TIPA® for ITIL <i>Rafael Almeida, Inês Percheiro, César Pardo and Miguel Mira Da Silva</i>
Adapting SPICE for the Development of a Reference Model for Building Information Modeling - BIM-CAREM <i>Gokcen Yilmaz, Asli Akcamete and Onur Demirors</i>
Session 3 – SPI and Assessment
Towards a Taxonomy of Process Quality Characteristics for Assessment <i>Anup Shrestha</i>
Process Risk Determination supporting Data Protection Impact Assessment <i>Stéphane Cortina, Philippe Valoggia, Alain Renault and Beatrix Barafort</i>
A Novel Model for Development Project Assessment in Automotive <i>Fabio Falcini and Giuseppe Lami</i>
Session 4 – SPI Knowledge and Change Processes
Introducing Requirements Change Management Process into ISO/IEC 12207 <i>Sajid Anwer, Lian Wen, Terry Rout and Zhe Wang</i>
Measuring Change in Software Projects Through an Earned Value Len <i>Pinar Efe, Onur Demirors and Boualem Benetallah</i>
Semantic Model Based Approach for Knowledge Intensive Processes <i>Madhushi Bandara, Fethi Rabhi, Onur Demirors and Rouzbeh Meymandpour</i>
Session 5 – SPI Education and Mangement Issues
REFES Model for Leadership as Practice in Software Process Improvement Initiatives <i>Alessandra Zoucas, Cristiano Cunha and Clenio F. Salviano</i>
Teaching Software Processes and Standards: A Review of Serious Games Approaches <i>Alejandro Calderón Sánchez, Manuel Trinidad, Mercedes Ruiz and Rory O'Connor</i>
Interpretation and Reporting of Process Capability Results: Focus on Improvement <i>Suren Behari, Aileen Cater-Steel, Anup Shrestha and Jeffrey Soar</i>
Session 6 – SPI Compliance and Configuration

Transforming SPEM 2.0-compatible Process Models into Models Checkable for Compliance
Julieth Patricia Castellanos Ardila, Barbara Gallina and Faiz Ul Muram

Ensuring Conformance to Process Standards through Formal Verification
Edward Kabaale, Lian Wen, Zhe Wang and Terry Rout

Specification and Deployment of a Semantic database for System Configuration Management
Ricardo Eito-Brun

Session 7 – SPI and Agile

Adopting Agile in the Sports Domain: A Phased Approach
Jennifer Callan-Crilly, Alan Moynagh, Özden Özcan-Top and Fergal McCaffery

Systematic Mapping Study on Process Mining in Agile Software Development
Sezen Erdem, Onur Demirörs and Fethi Rabhi

A Comprehensive Evaluation of Agile Maturity Self- Assessment Surveys
Ozan Raşit Yürüm, Onur Demirors and Fethi Rabhi

Agile Usage in Embedded Software Development in Safety Critical Domain—a Systematic Review
Surafel Demissie, Frank Keenan, Özden Özcan-Top and Fergal McCaffery

Session 8 - Industry Short Papers

A Process Reference and Assessment Model for ECU Software Calibration Data
Paul Darnell and Joe Walsh

An Ontology to Support TMMi-Based Test Process Assessment
Eda Gülçin Çiflikli and Ahmet Coşkunçay

Session 9 – Workshop on Trends in Software Process Improvement

Applying SPI to large organizations - A use case
Stelios Pantouvakis (National Bank of Greece)

Handling uncertainty in requirements prioritisation
Prof. Vassilis Gerogiannis (Univ. of Applied Sciences of Thessaly)

