

Experience / Industry Sessions (ES)

ES 1: SPI & Assessment

Software Improvement Through Benchmarking: Case Study Results

H. Sassenburg, SE-CURE, CH, L. Voinea, SolidSource, NL & P. Wijnhoven, Sioux Embedded Systems, NL

Med-Adept: A Lightweight Assessment Method for the Irish Medical Device Software Industry

F. Mc Caffery & V. Casey, Dundalk Institute of Technology & Lero, IE

Integrated Approach for Automotive SPICE and ISO 26262 Assessments

R. Messnarz, ISCN, AT & IE, H.-L. Ross & S. Habel, Continental Automotive, DE, F. Koenig & A. Koundoussi, ZF Friedrichshafen AG, DE, J. Unterreitmayer, SQS AG, DE & D. Ekert, ISCN, AT

Process Assessment Model Development towards Improvement Oriented Assessment in Space Domain

Y. Miyamoto, Japanese Aerospace Exploration Agency, JP, Y. Koishi & M. Takeuchi, Software Research Associates Inc., JP, & M. Katahira, Japanese Aerospace Exploration Agency, JP

Improvement-Oriented Assessment for Space Development

T. Inoue, Mitsubishi Electric Corporation, JP, M. Shizunagai & T. Kojima, Software Research Associates Inc., JP & Y. Miyamoto, Japanese Aerospace Exploration Agency, JP

The First Achievement of SPICE Level 2: A Case Study from Turkey

B. Büyükkagnýcý, E. Yazýcý & Ö. Tüfekçi, INNOVA IT Solutions, TR

ES 2: SPI & IT Services

A Cluster Approach to Security Improvement According to ISO/IEC 27001

N. Mayer, Centre de Recherche Public Henri Tudor, LU

Enhancement of Information Systems Success Using a Generic Framework for Business Process Requirements Elicitation

A. Murungi, M. Amiyo & J. Nabukenya, Makerere University, UG

Introducing IT Cost Services Management in a Small Enterprise

F. Albero & J. Amillo, Universidad Politécnica de Madrid, ES, M. Arcilla, Universidad Nacional de Educación a Distancia, ES & J. A. Calvo-Manzano, Universidad Politécnica de Madrid, ES

CONEVTO: Contract Evaluation Tool for Software and Services Acquisition Organizations

J. A. Calvo-Manzano, G. Cuevas, J. Mejia, M. Muñoz & T. San Feliu, Universidad Politécnica de Madrid, ES & Á. Rocha, Universidade Fernando Pessoa, PT

NQA2 - Quality Management in Role Based Teamwork Environments

M. Milev, D. Ekert & R. Messnarz, ISCN GesmbH, Austria

ProjectIT-Enterprise: A Software Process Improvement Framework

P. Ventura Martins, Universidade do Algarve & INESC-ID / Instituto Superior Técnico, PT & A. Rodrigues da Silva, INESC-ID / Instituto Superior Técnico, PT

ES 3: SPI & People / Acceptance

Teaching Software Process Improvement and Assessment

C. Gresse von Wangenheim, Federal University of Santa Catarina (UFSC), BR & J. C. R. Hauck, Federal University of Santa Catarina (UFSC), BR & Dundalk Institute of Technology, IE

Codified vs. Personalized - A Vertical Approach to the Dilemma of the Knowledge Management Strategies

K. Jahn & P. A. Nielsen, Aalborg University, DK

The Diffusion of SPI in Larger Danish Software Companies

A. Munk-Madsen, Metodica, DK & P. A. Nielsen, Aalborg University, DK

Enforce Business Responsibility for Software Quality - The Business Case Gap for Software Testing

K.-U. Gawlik & T. Schweigert, SQS Software Quality Systems AG, DE

I²P - A Framework for Aligning Process Maturity with Knowledge Sharing

E. Georgiadou, University of Middlesex, UK, K. V. Siakas, Alexander Technological Educational Institute of Thessaloniki, GR & B. Balstrup, Center for Software Innovation, DK

The People Aspects in Modern (S)PI Management Approaches

M. Korsaa & J. Johansen, DELTA Axiom, DK, T. Schweigert & D. Vohwinkel, SQS Software Quality Systems AG, DE, R. Messnarz, ISCN, AT & IE, R. Nevalainen, Spinet Oy, FI & M. Biro, Corvinno, HU

ES 4: SPI & Measurement

Quantitative Benefits of a Model-Based Process Improvement Program at Portugal Telecom Inovação (PTIN): Who, What, Why, Where, How and Results

A. M. do Valle, ISD Brasil, BR, N. A. Martins Seixas, Portugal Telecom Inovação, PT, S. Oliveira & P. Monteiro, Universidade do Minho, PT

A Standards-Based Model for the Specification of System Design and Implementation Constraints

A. Abran & K. T. Al-Sarayreh, University of Quebec, CA

A Framework of the Factors that Influence the Software Process Improvement in Small Organizations

I. E. Espinosa-Curiel, J. Rodríguez-Jacobo & J. A. Fernández-Zepeda, CICESE, MX

ES 5: SPI & Testing

Acceptance Test-Driven Development by Annotation of Existing Documentation

D. Connolly, F. Keenan & F. Mc Caffery, Software Technology Research Centre (SToRC), Dundalk Institute of Technology, IE

Approaches Facilitating WS-BPEL Testing

D. Petrova-Antonova, I. Krasteva & S. Ilieva, Sofia University, BG

Automotive and Medical: Can we Learn from Each Other?

A. Kramer, sepp.med, DE

ES 6: SPI & Agile

Contextualizing Agile Software Development

P. Kruchten, Kruchten Engineering Services Ltd, CA

Agility Meets Systems Engineering: A Catalogue of Success Factors from Industry Practice

E. Stelzmann, Ch. Kreiner, Graz University of Technology, AT & R. Messnarz, ISCN, AT & IE & G. Spork, Magna Powertrain, AT &

D. Ekert, ISCN, AT & F. Koenig, ZF Friedrichshafen, DE

ES 7: SPI & Systems Improvement

Improving Safety and Availability of Complex Systems by Using an Integrated Design Approach in Development

O. Bachmann, SIBAC & ISCN Group, DE & R. Messnarz, ISCN, AT & IE

Innovation Management System for the Automotive Supplier Industry to Drive Idea Generation and Product Innovation

M. Neumann, Kolbenschmidt Pierburg AG, DE, A. Riel & D. Brissaud, G-SCOP Laboratory, Grenoble University of Technology, FR

Explorative Hazard Analysis Process in Requirement Phase

M. Ito, Nil Software Corp., JP

ES 8: SPI & Management

Initiating Quality Management in a Small Software Enterprise

M. Suula, T. Mäkinen & T. Varkoi, Tampere University of Technology, FI

A CMMI Based Configuration Management Framework to Manage the Quality of Service Based Applications

S. I. Hashmi, S. Lane, D. Karastoyanova & I. Richardson, Lero, IE

How Green is your Black Belt?

D. Theisens, Symbol BV, NL

Drifting SPI: Studying Practice

G. Tjørnehøj, Aarhus University, DE

ES 9: SPI & Knowledge

Process Assets Libraries as Knowledge Repositories for Learning Improvement: An Experience with Agile Processes

A. Amescua, L. Bermón, J. García & M.-I. Sánchez, Carlos III University of Madrid, ES

Proposing a Knowledge Engineering Based Approach for Process Capability/Maturity Models Customization

J. C. R. Hauck, Universidade Federal de Santa Catarina, BR & Dundalk Institute of Technology, IE, C. Gresse von Wangenheim, Universidade Federal de Santa Catarina, BR, F. Mc Caffery, Dundalk Institute of Technology, IE & A. von Wangenheim, Universidade Federal de Santa Catarina, BR

SPICE Level 3 - Experience with using E-Learning to Coach the Use of Standard System Design Best Practices in Projects

D. Ekert, ISCN, AT, A. Riel, Grenoble Institute of Technology, FR

ES10: SPI & GSD

Factors that Contribute to the Effective Management of Global Virtual Teams

J. García, J. Saldaña, A. Amescua & A. Sanz, Carlos III University of Madrid, ES

Lessons in Global Software Development - Local to Global Transition within a Regulated Environment

O. Cawley & I. Richardson, Lero, University of Limerick, IE