



Aufruf zur Teilnahme an der gemeinsamen Konferenz zur Software-Messung und -Bewertung

IWSM/MetriKon/MENSURA 2010

10. – 12. November 2010 in Stuttgart
(www.metrikon.de)

- Keynotes -

Dr. Christof Ebert: *Lean Development – Measuring and Improving Performance*

Dr. Pekka Abrahamsson: *The Art of Measurement in Agile Development*

Wai F. Hom: *Metrics @ IBM Corporation*

- Vortragsinhalte -

Neue Messansätze und -verfahren für den Business-Bereich:

Luigi Buglione (Engineering.IT, Italy): *Suggestions for Improving Measurement Plans: a BMP application in Italy*

Khalid T. Al-Sarayreh (University of Quebec (ETS), Montreal, Canada): *Specification and Measurement of System Configuration Non Functional Requirements*

Kosta Pandazo (IT University of Copenhagen, Denmark): *Presenting Software Metrics Indicators - A Case Study*

Monica Villavicencio (ETS Montreal, Canada): *Software Measurement in Software Engineering Education: A Comparative Analysis*

Filippo De Carli (Telecom Italia group, Italy): *YES! We measure, a practical metrics experience.*

Martin Kowalczyk (IESE Kaiserslautern, Germany): *Aligning Software-related Activities of Different Organizations with Common Business Goals*

Alain Abran (University of Quebec): *Measurement of Software Requirements Derived from System Operations Requirements*

Neue Ansätze zur Qualitätssicherung:

Konstantina Georgieva (Uni Magdeburg, Germany): *Applying Human Error Assessment and Reduction Technique (HEART) in the software development process*

Adam Trendowicz (IESE Kaiserslautern, Germany): *Model-based Product Quality Evaluation with Multi-Criteria Decision Analysis*

Markus Großmann (Capgemini sd&m AG, Germany): *Entwicklung eines operationalisierten Qualitätsmodells für SAP-Integrationsprojekte: Ergebnis der ersten Iteration*

Benoît Vanderose (University of Namur, Belgium): *Towards a Model-Centric Quality Assessment*

Michael Kläs (IESE Kaiserslautern, Germany): *How-To Evaluate Meta-Models for Software Quality?*

Frank Simon (SQS, Köln, Germany): *Aktives Risikomanagement mit Escrow-Services*

Ralf Russ (Siemens Corporate Technology, Germany): *Identify Quality Issues by systematic quantitative Analysis*

Harry Sneed (FH Hagenberg, Germany): *Werterhaltung von Software durch evolutionäre Qualitätssicherung*

Nguyen Duc Anh (IESE Kaiserslautern, Germany): *The Impact of Design Complexity on Software Quality - A Meta Analysis*

Harald Gruber (Universität Linz, Austria): *On the validity of benchmarking for evaluating code quality*

Olga Ormandjieva (Concordia University Montreal, Canada): *Categorical Representation of Software Services Quality and Decision-Making Using Markov Decision Process*

Verbesserte Verfahren zur Aufwandsschätzung:

Luigi Buglione (Engineering.IT Rome, Italy): *Which COSMIC Base Functional Components are Significant in Estimating Web Application Development? - An Empirical Study*

Carlos Monsalve (ETS Montréal, Canada): *Functional Size Measurement with Business Process Models: the Business Application Domain*

Özden Özcan Top (Middle East Technical University, Turkey): *Comparison of External Software Benchmark Data Sets from Effort Prediction Perspective*

Luigi Lavazza (Università dell'Insubria, Italy): *A Systematic Approach to the Analysis of Function Point - COSMIC Convertibility*

Jean-Marc Desharnais and Bogaziçi (University, Istanbul, Turkey): *Assessment of the Quality of the Documentation of Functional User Requirements Using Criteria derived from Using COSMIC ISO 19761*

Cornelius Wille (FH Bingen, Germany): *Evidenzbasierte Klassifikation und Bewertung von Aufwandschätzmethoden*

Baris Ozkan (Middle East Technical University, Turkey): *Estimating Software Effort in a change-intensive software applications environment: An Experience Report*

Thomas Fehlmann (Euro Project Office AG Zürich, Switzerland): *From Story Points to COSMIC Function Points in Agile Development – A Six Sigma perspective*

Sophie Stern (RENAULT, France): *Estimating the Memory Size of Embedded Software Using COSMIC Function Points - An Empirical Study*

Erdur Urgan (Middle East Technical University, Turkey): *Evaluation of Reliability Improvements for COSMIC Size Measurement Results*

Neue Metriken-Ansätze:

Harry Sneed (University of Regensburg, Germany): *Design Metrics for UML Models*

Luigi Buglione (Engineering.IT Rome, Italy): *Measure well, not randomly!*

Bernhard Peischl (Technische Universität Graz, Austria): *Integration von Prozess-, Modell- und Produktmetriken*

Akito Monden (NAIST, Nara, Japan): *On Building a Better Program Size Measure*

J. J. Cuadrado-Gallego (Alcala University, Madrid, Spain): *A Review and Fundamental Issues of Lines of Code Metrics*

Messung und Bewertung moderner Paradigmen und Architekturen:

Florian Muhß (Uni Magdeburg, Germany): *Software Engineering meets Cloud Computing - How Design for Six Sigma can help*

Andreas Schmietendorf (HWR Berlin, Germany): *COSMIC and SOA-Sizing A critical analysis and proposals for improvement potentials*

Hassan Soubra (Renault-Direction de l'Electronique, France): *Functional size measurement of real-time embedded software: procedures and practical steps*

Masateru Tsunoda (NAIST, Nara, Japan): *An Empirical Analysis of Information Technology Operations Cost*

Martin Hobelsberger (FH Regensburg, Germany): *An Experience-Based Repository of Reusable Components for an Component-Based Automotive Software System*

Sebastian Bress (Uni Magdeburg, Germany): *Kostenmetriken für virtuelle Rechnerressourcen - Eine Erweiterung des Frameworks zur Schätzung des Wertes von Cloud Computing*

Messung und Bewertung in der Agilen Entwicklung:

André Janus (Janus-IT Consulting Stuttgart, Germany): *Qualitätssicherung in der Agilen Software-Entwicklung*

Sylvie Trudel (Pyxis Technologies Québec, Canada): *Guideline for sizing Agile projects with COSMIC*

Enrico Berardi (TRS SPA, Rome, Italy): *COSMIC-based Project Management in Agile Software Projects and Mapping onto related CMMI-DEV process areas*