

Call for Papers

IWSM Mensura 2014

ABOUT THE CONFERENCE

The IWSM Mensura conference is the conference where new ideas from the world of academic research meet practical improvements from industry on topics of measuring software. Each year practitioners and researchers from all over the world gather together to learn about new developments, test new ideas and exchange possible new solutions and applications.

On **October 6-8, 2014** the IWSM Mensura conference will be held in Rotterdam, the Netherlands. The conference venue is the SS Rotterdam, the former flagship of the Holland America Line. More information on the conference can be found on the website: www.iwsm-mensura.org.

THEME & SCOPE

Software measurement techniques, methods, processes and tools are keys for successfully managing and controlling software development projects. Measurement is essential for any engineering activity and for increasing scientific and technical knowledge regarding both the practice of software development and empirical research in software technology.

The conference focuses on all aspects of software measurement and facilitates the exchange of software measurement experiences between theory and practice.

TOPICS OF INTEREST

We encourage submissions in any field of software measurement, including, but not limited to:

- Software measurement foundations
- Practical measurement applications
- Quantitative and qualitative methods for software measurement
- Measurement processes and resources
- Empirical case studies
- Measurement acceptance
- Enterprise embedded solutions of measurement
- Metrics validation
- Measurement for system and software engineering
- Measurement for integration, and testing
- Measurement for specific areas (e.g. ECU's or webservices)
- Measurement for specific development paradigms (e.g. agile or model-driven)
- Functional size measurement
- Software Measurement Standards
- Software estimation
- Software benchmarking
- Measurement services
- Measurement tools
- Measurement experience and guidance
- Theory of measurement
- Measurement paradigms

PAPERS

Papers must be submitted for review by the Program Committee through the EasyChair conference management system at: www.easychair.org/conferences/?conf=iwsmmensura2014

- Full papers (8 to 14 pages) or
- Short papers (3 to 6 pages)

Papers should not have already been published elsewhere, nor should they have been submitted to a journal or to another conference. At least one among the authors of each paper accepted must register for the conference and commit to paper presentation. All papers submitted must follow the IEEE CPS format.

Accepted and presented papers (full papers and short papers) will be included in the conference proceedings, which will be submitted to the IEEE Computer Society Digital Library (CSDL), and IEEE Xplore. A selection of the accepted papers will be invited to revise and re-submit extended versions of their conference papers for consideration for publication in a Journal (under negotiation).

WORKSHOP PROPOSALS

The main idea of the workshops is to bring both practitioners and researchers together to exchange ideas on particular topics of importance. Workshop proposals should be described on two A4 pages maximum and submitted directly to the Organization Chair via info@iwsm-mensura.org.

PRESENTATIONS FROM SOFTWARE MEASUREMENT ASSOCIATIONS

Working groups from Software Measurement Associations that are part of the Measurement Associations International Network (MAIN) can report their ideas or progress during a special track on the IWSM Mensura conference. This track will be organized by the Netherlands Software Metrics users Association (NESMA). Presentation proposals should be described on two A4 pages maximum and submitted directly to iwsm2014@nesma.nl. Selected presentation proposals will be reviewed before presentation.

CONFERENCE LANGUAGE

The language for the conference, workshops and special sessions is English.

IMPORTANT DATES

	Full papers	Short papers	Workshop / Presentation
Submission	March 9 th , 2014	April 13 th , 2014	April 20 th , 2014
Notification of acceptance	April 27 th , 2014	May 11 th , 2014	May 11 th , 2014
Final version	May 25 th , 2014	June 1 st , 2014	August 31 st , 2014

CONTACT INFORMATION PROGRAM CHAIRS

If you have any questions with regards to this call for papers you may contact the Program Chairs on program@iwsm-mensura.org.

Program Chairs for IWSM Mensura 2014:

Dr Maya Daneva
Frank Voegelzang MSc

PROGRAM COMMITTEE

Alain Abran	École de Technologie Supérieure UQAM	Canada
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Thomas Fehlmann	Euro Project Office	Switzerland
Dan Galorath	Galorath	United States
Çigdem Gencel	Free University of Bolzano	Italy
Naji Habra	PRECISE Research Center University of Namur	Belgium
Nadine Hanebutte	St. John Fischer College	United States
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Jens Bæk Jørgensen	Mjølner Informatics A/S	Denmark
Alpay Karagöz	Innova IT Solutions	Turkey
Grigory Kolesnikov	RuSMA SRG Appraisal	Russia
Rob Kusters	Eindhoven University Of Technology	the Netherlands
Jean-Louis Letouzey	Inspearit	France
Bernard Londeix	Telmaco	United Kingdom
Mathias Lother	Robert Bosch GmbH	Germany
Roberto Meli	DPO	Italy
Arlene Minkiewicz	PRICE Systems	United Kingdom
Eduardo Miranda	Carnegie Mellon University	United States
Juergen Münch	University of Helsinki	Finland
Bela Mutschler	Weingarten University of Applied Sciences	Germany
Rory O'Connor	Lero - the Irish software engineering research centre	Ireland
Olga Ormandjieva	Concordia University	Canada
Kai Petersen	Blekinge Institute of Technology	Sweden
Keith Phalp	Bournemouth University	United Kingdom
Geert Poels	Ghent University	Belgium
Nicolas Porta	Daimler TSS	Germany
Rudolf Ramler	Software Competence Center Hagenberg GmbH	Austria
Andreas Schmietendorf	Berlin School of Economics and Law	Germany
Asma Sellami	University of Sfax	Tunisia
Martin Shepperd	Brunel University	United Kingdom
Rini van Solingen	Prowareness Delft University of Technology	the Netherlands
Mirosław Staron	University of Gothenburg	Sweden
Jarosław Świerczek	Polish Software Measurement Association 300DC	Poland
Charles Symons	COSMIC	United Kingdom
Ayça Tarhan	Hacettepe University	Turkey
Sylvie Trudel	Université du Québec à Montréal	Canada
Oktay Türetken	Eindhoven University of Technology	the Netherlands
Monica Villavicencio	ESPOL	Ecuador
Stefan Wagner	University of Stuttgart	Germany
Dietmar Winkler	Vienna University of Technology	Austria
Chris Woodward	Chris Woodward Associates Ltd.	United Kingdom

Aufruf zur Einreichung von Beiträgen

Themenstellung & Abgrenzung

Software durchdringt alle Lebensbereiche und schafft damit immer neuen Nutzen für unsere Gesellschaft. Allerdings wachsen auch die damit verbundenen Risiken aufgrund der Komplexität, Schnittstellen, Änderungsgeschwindigkeit und international verteilten Entwicklung. Softwaremessung und -bewertung für Steuerung, Risikomanagement, Governance und allgemein zur Meisterung dieser Komplexität, ist heute unverzichtbar.

Quantitative Ansätze ermöglichen es, Erwartungen an Software professionell zu beschreiben und fundierte Entscheidungen auf der Grundlage von Daten zu treffen. In diesem höchst dynamischen Umfeld müssen bewährte quantitative Ansätze im Controlling und Management von Projekten, Produkten und Prozessen verstanden und weiter entwickelt werden. Die fundierte und praxisnahe Kenntnis von Messverfahren und deren Einsatz ist damit für die Praxis der Software-Entwicklung unverzichtbar und ein zentraler Bestandteil der empirischen Forschung zur Software-Technik.

An der MetriKon tauschen sich erfahrene Experten und Wissenschaftler mit Praktikern aus. Seit über 10 Jahren ist sie im deutschsprachigen Raum die wichtigste Plattform für Theorie und Praxis der Anwendung von Software-Metriken. Sie wird gemeinsam mit der GI Fachgruppe "Software Messung und Bewertung" sowie internationalen Fachverbänden durchgeführt.

Kommen Sie zur **MetriKon am 6. - 7. November 2014 nach Stuttgart**. Nutzen Sie die Gelegenheit, über Ihre praktischen Erfahrungen mit Software-Messung und Ihre Ideen zu berichten, von Erfahrungen anderer zu lernen und Lösungen für Ihre eigenen Herausforderungen im Kreis von Praktikern und praxisnahen Forschern zu diskutieren.

Ein Programmkomitee mit renommierten Experten aus Industrie und Forschung sichert die Qualität dieser Tagung ab.

Einreichung von Beiträgen

Gewünscht werden (Erfahrungs-)Berichte aus der industriellen Praxis und der praxisrelevanten Forschung zu allen Themen rund um Software-Messung, Bewertung und Schätzverfahren, unabhängig vom Anwendungs- und Prozesskontext. Das Programmkomitee achtet bei der Auswahl der Beiträge auf eine ausgewogene Mischung von Praxis und Theorie.

Parallel zu den Vorträgen werden Tutorien oder Workshops von ca 1,5 Std. Dauer zur Einführung oder Vertiefung aktueller Themen oder Verfahren der Software-Messung und Aufwandschätzung angeboten.

Begleitend zur Tagung wird eine Ausstellung organisiert, in der Dienstleister und Werkzeughersteller ihre Angebote zur Softwaremessung und Aufwandschätzung vorstellen. (Anmeldung bis spätestens 29. August beim DASMA-Sekretariat)

Themenfelder

Mögliche Vortragsthemen umfassen:

- Erprobung, Einführung und praktische Anwendung von Software-Metriken
- Quantitatives Projekt- und Risikomanagement, Projektcontrolling, Portfoliomanagement
- Einsatz, Einführung und Erfahrungen mit Aufwandschätzverfahren und -Tools
- Big Data und Anwendungen beispielsweise in Diagnose, Funktionaler Sicherheit, Test
- Governance und CMMI/SPICE/ITIL/COBIT-konforme Messprogramme und Metriken
- Messbasierte Verbesserungsansätze für Produkte und Prozesse
- Quantitative Verfahren für Qualitätssicherung und Qualitätsmanagement, z.B. Six Sigma
- Benchmarking von Produkten, Prozessen und Projekten
- Praktischer Einsatz von Mess- und Aufwandschätzverfahren in realen Anwendungen, wie Cloud Computing, Mobile Apps, Embedded Systems, Testen, Zuverlässigkeit, Anforderungsmanagement, etc.

Einreichungen und weitere Informationen

Eine aussagekräftige Kurzfassung Ihres Beitrages/Vorschlages reichen Sie bitte formlos im pdf-Format über das Tagungsportal easychair ein (Adresse: <http://www.easychair.org/conferences/?conf=metrikon2014>). Alle für Autoren wichtigen Informationen und Vorlagen finden Sie auf der MetriKon-Website unter der unten angegebenen Adresse in der Rubrik „Beiträge“.

Wichtige Termine

23. Juni 2014

Abgabeschluss für die **Kurzfassung** aller Beiträge

4. August 2014

Termin für die Benachrichtigung über die Beitragsannahme

15. September 2014

Abgabeschluss für die druckfertigen Beiträge

Kontaktadresse

E-Mail: info@dasma.org (Sekretariat der DASMA e.V.)

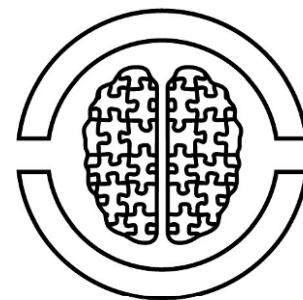
weitere Informationen

unter <http://www.metrikon.de> (zur Tagung) bzw. <http://dasma.org> (zur DASMA e.V.) oder unter <http://fg-metriken.gi.de> (zur GI-Fachgruppe 2.1.10)

Veranstalter

DASMA e.V. und GI-Fachgruppe 2.1.10

Call for Papers



ECSEE

European Conference
Software Engineering Education 2014

27 Nov and 28 Nov 2014, Seon Monastery, Germany

Important Dates

Full Paper
Submission Deadline:
16 May 2014

Notification to authors:
15 July 2014

Camera ready version:
29 July 2014

Author Registration and
Payment Deadline:
1 August 2014

Conference dates:
27 Nov and 28 Nov 2014

Conference Website

www.ecsee.eu

Committees

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Georg Hagel
Jürgen Mottok

Co-chair

Dieter Landes
Irmgard Schroll-Decker

International Program Committee

Organizer



Scope

Software Engineering (SE) is an important discipline and it is part of almost all curricula in Computer Science of universities.

Challenges in today's software development industry include increasing system complexity, shorter development cycles, shorter time to market, dealing with continuous changes, and expected high quality of the software.

Software engineering education has to deal with these challenges. How can we prepare students or employees to these challenges?

What are best practices to help them to work in different domains, ranging from app development for mobile devices to the development of really big applications for mainframe systems, from game development to working on highly secure systems?

How can we support students in their student life cycle and how can we prepare them for lifelong learning?

How can we ensure that future software engineers meet industrial needs, with respect to technical as well as soft skills?

Important

At least one author of an accepted paper must register and attend the conference to present and discuss the paper. The paper will not be included in the conference proceedings if it is not presented at the conference.

Topics of Interest include but are not limited to

- SE curriculum design
- Training, education, and certification of SE in adult education
- New methods, techniques, best practices, and experiences in SE education
- Illustrative examples to highlight SE topics in education
- Evaluation and assessment of students' skills that are relevant for SE
- Assessment of different teaching models in SE
- Tools for SE education, both commercial and public domain
- Support of lifelong learning of SE topics
- Social and cultural issues in SE education
- Games and social media in SE education
- Distance learning, online learning, E-learning, and MOOCs

Best Paper Award

A Best Paper Award is appointed in *Educational Methods and Learning Mechanisms in Software Engineering Education*.

Submission

High quality contributions are accepted in the following categories:

- Research papers
- Experience reports from industry or universities
- Panel session

The submission guidelines for the different categories will be found on the submission page. Papers must be submitted electronically.

Partners



**IEEE Education
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**Gesellschaft für
Informatik e.V.**



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Secretary ECSEE 2014 - Prof. Dr. Jürgen Mottok, Seybothstraße 2, 93053 Regensburg, Germany
juergen.mottok@oth-regensburg.de