

IWSM Mensura 2016 International Conference on Measurement and Data Analytics

October 5-7, 2016 – Berlin, Germany

ABOUT THE CONFERENCE

IWSM Mensura is the premier international conference on measurement and data analytics. Each year practitioners and researchers from all over the world meet to discuss practical challenges and solutions in the field of software and IT measurement and data analytics.



On **October 5-7, 2016** the IWSM Mensura conference will be held in **Berlin, Germany**. The conference venue will be at the Berlin School of Economics, Campus Lichtenberg. More information on the conference can be found on the website: <http://www.iwsm-mensura.org>.

THEME & SCOPE

Software and IT measurement are keys for successfully managing and controlling software development projects. Data analytics and measurement are essential for both business and engineering. They enrich 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 data analytics.

This year focus is the **Value of Data**, i.e. how to maximize the value for an organization from making use of data from their software applications and systems. The trend towards digitization also dramatically increases the amount of data that becomes available. The value of a company is increasingly hidden in its data and can only be exploited fully if these are used efficiently along the entire value chain. Big data becomes an important keyword to deal with. The conference also focuses on novel approaches and innovative ideas on how to optimize existing products and processes making use of data as well as using Big Data as an enabler for new application cases.

TOPICS OF INTEREST

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

- Practical measurement applications
- Data analytics in practice, e.g. Enterprise embedded solutions
- Usage of big data analytics for improving products and processes
- Quantitative and qualitative methods for software measurement
- Measurement processes and resources, e.g. agile or model-driven
- Empirical case studies
- System and software engineering measurement
- IT and project cost and effort estimation, e.g., cost, effort, defects
- Functional size measurement
- Data analytics and measurement in novel areas, e.g. ECU's or web services
- Measures for Cognitive Computing

CONFERENCE LANGUAGE

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

FULL AND SHORT PAPERS

Papers will undergo a strict peer review process. They must be submitted for review by the Program Committee through the EasyChair conference system via:

www.easychair.org/conferences/?conf=iwsmmensura2016

- 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** (US letter 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 re-submit extended versions for consideration for publication in a Journal.

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 pages maximum and submitted directly to the Program Chair via program@iwsm-mensura.org.

INDUSTRY PRESENTATION PROPOSALS

The main idea of industry presentations is to share experiences, challenges, solution approaches regarding the topics of interest for the conference from a practitioner's point of view in order to stimulate discussions with researchers and other practitioners. For presentation proposals, a title and abstract (at most half page) should be submitted directly to the Program Chair via program@iwsm-mensura.org.

IMPORTANT DATES

	Full Papers	Short Papers	Workshop / Industry Presentation
Submission	April 17th, 2016	April 17 th , 2016	May 8 th , 2016
Notification of acceptance	June 12th, 2016	June 12 th , 2016	June 12 th , 2016
Final version	July 3rd, 2016	July 3 rd , 2016	August 28 th , 2016

CONTACT INFORMATION

General Chair	Christof Ebert (Vector and GI, Germany)
Program Co-Chairs	Jens Heidrich (Fraunhofer IESE and GI, Germany) Frank Vogelesang (Ordina, Nesma, and COSMIC, The Netherlands and Canada)
Financing Chair	Manfred Seufert (Mediaan and DASMA, Germany)
Local Chair	Andreas Schmietendorf (HWR Berlin, OVG-Universität Magdeburg, Germany)

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