



10th International Symposium on **Empirical Software Engineering and Measurement**

September 8-9, 2016 - Ciudad Real, Spain

10th International Symposium on Empirical Software Engineering and Measurement (ESEM 2016)

<http://alarcos.esi.uclm.es/eseiw2016/esem/>

IMPORTANT DATES

- Full Papers Abstract Submission: March 7, 2016
- Full Papers Submission: March 14, 2016
- Full Papers Notification: April 30, 2016
- Industrial Papers, Short Papers, and Posters Submission: May 10, 2016
- Industrial Papers, Short Papers, and Posters Notification: June 10, 2016
- Full Papers Camera-ready: June 15, 2016
- Industrial Papers, Short Papers and Posters Camera-ready: June 30, 2016

The ACM/IEEE-International Symposium on Empirical Software Engineering and Measurement (ESEM) is the premier conference for research results related to empirical software engineering. These include discussions of:

- empirical methods and the design and analysis of empirical studies;
- the strengths and weaknesses of software engineering technologies and methods from a strong empirical viewpoint, including quantitative, qualitative, and mixed studies; and
- the systematic use of data and measurement to understand, evaluate, and model software engineering phenomena.

We encourage the submission of both novel work and replication studies.

ESEM provides a stimulating forum where researchers and practitioners can present and discuss recent research results on a wide range of topics, in addition to also exchanging ideas, experiences and challenging problems.

The **relevant topics** include, but are not restricted to, the following:

- New ideas pertaining to empirical evaluation of software engineering technologies, methods, and tools, e.g., transferring and applying empirical methods from other disciplines to empirical software engineering
- Infrastructures and novel techniques/tools for supporting any phase of empirical studies
- Empirical studies using qualitative, quantitative, and mixed methods
- Cross- and multi-disciplinary methods and studies
- Experiments and quasi-experiments
- Case studies, action-research, and field studies

- Survey research
- Systematic literature reviews and mapping studies
- Meta-analysis, qualitative and quantitative synthesis of studies
- Replication of empirical studies and families of studies
- Empirically-based decision making
- Evaluation and comparison of techniques and models
- Development and evaluation of empirical prediction systems or software estimation models
- mining software engineering repositories
- Modeling, measuring, and assessing product and/or process quality
- Simulation-based studies in software engineering
- Assessing the benefits / costs associated with using certain development technologies
- Industrial experience, Software project experience, and knowledge management
- Software technology transfer to the industry

SUBMISSIONS

We invite submissions in the forms of Full Papers (max. 10 pages), Short Papers or work-in-progress reports (max.6 pages), Industrial Papers (max. 6 pages), and Posters (max. 2 page). Full-Papers must follow a research strategy and in case of an empirical study, contain an explicit description of the empirical strategy applied, and describe original, unpublished work, which is not under parallel submission elsewhere. Short papers represent an early communication of research and do not necessarily require complete results or full empirical evaluation. Posters are ideal for presenting speculative, late-breaking results or for presenting new and innovative work (in its earliest stage), or position statements. Industry experience reports describe the stories and outcomes (positive or negative) of evaluating or deploying software engineering technologies, ideas, practices, tools, processes, or methods in an industrial setting. We strongly recommend to visit our website: <http://alarcos.esi.uclm.es/eseiw2016/esem> for further details and requirements before submitting to the different tracks.

The use of structured abstracts with headings: Background, Aims, Method, Results and Conclusions is required for all papers.

All submissions must be written in English and formatted according to the [ACM manuscript templates for conference proceedings](#). Any papers exceeding the maximum number of pages given for the respective category, or are outside the scope of the symposium, or do not follow the formatting guidelines will be rejected without review. All papers must be submitted through <https://easychair.org/conferences/?conf=esem2016> in PDF format. Please select the appropriate track (see below) for your submission.

REGISTRATION

Accepted contributions must have a minimum of one author registration by the time of the deadline for the camera-ready submission for the respective paper type. One registration corresponds to only one paper. For a second (or further) paper by the same author, an additional registration is possible with a 50% discount.

CO-LOCATED EVENTS

ESEM 2016 is a part of Empirical Software Engineering International Week (ESEIW 2016) in September 5 - 9, 2016. The ESEIW co-located events are:

- 23rd IS ERN Meeting
- 14th IASESE (Advanced School on Empirical Software Engineering)
- 14th IDOESE (Doctoral Symposium on Empirical Software Engineering)
- 3rd International Workshop on Measurement and Metrics for Green and Sustainable Software (MeGSuS'16)
- 12th International Conference on Predictive Models in Software Engineering (PROMISE'16)

Details on the co-located events can be taken from the website:

<http://alarcos.esi.uclm.es/eseiw2016/>

CONFERENCE COMMITTEE

General Chair:

- Marcela Genero, University of Castilla-La Mancha, Spain

Program Co-Chairs:

- Andreas Jedlitschka, Fraunhofer IESE, Germany
- Magne Jørgensen, Simula Research Laboratory, Norway

Short Papers and Posters Co-Chairs:

- Giuseppe Scanniello, University of Basilicata, Italy
- Sreedevi Sampath, University of Maryland, Baltimore County, USA

Industrial Papers Co-Chairs:

- Danilo Caivano, SER&Practices S.R.l., Italy
- Daniel Port, University of Hawaii, USA

Publicity Co-Chairs:

- Europe: Ayse Tosun, Istanbul Technical University, Turkey
- USA/Canada: Clemente Izurieta, Montana State University, USA
- Rest of America: Marcos Kalinowski, Fluminense Federal University, Brazil
- Asia/Australia: Guoping Rong, Nanjing University, China

Social Media Chair:

- Burak Turhan, University of Oulu, Finland

Proceedings Chair:

- Félix García, University of Castilla-La Mancha, Spain

Organising and Financial Chair:

- José Antonio Cruz-Lemus, University of Castilla-La Mancha, Spain