9th ACM / IEEE International Symposium on
Empirical Software Engineering and Measurement (ESEM 2015)

October 22-23, 2015 - Beijing, China

http://eseiw.iscas.ac.cn/eseiw2015/esem/

IMPORTANT DATES

- Full Papers Submission: April 22, 2015
- Full Papers Notification: June 10, 2015
- Industrial Papers, Short Papers, and Posters Submission: June 24, 2015
- Industrial Papers, Short Papers, and Posters Notification: July 23, 2015

The ACM / IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM) is the premier conference for research results related to empirical software engineering. 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. These include, but are not limited to, discussions of:

- Strengths and weaknesses of software engineering technologies and methods from an empirical viewpoint
- The design and analysis of empirical studies, ranging from controlled experiments to case studies and from quantitative to qualitative studies
- The use of data and measurement to understand, evaluate, and model software engineering phenomena.

The symposium explicitly encourages the presentation of both novel work and replication studies.

TOPICS OF INTEREST

The conference invites the submissions related to the topics include, but are not restricted to, the following:
- Experiments and quasi-experiments
- Industrial experience, case studies and action-research
- Qualitative methods
- Cross- and multi-disciplinary methods and studies
- Replication of empirical studies
- Families of experiments
- Systematic literature reviews and mapping studies
- Meta-analysis, qualitative and quantitative synthesis of studies

- Empirically-based decision making
- New ideas pertaining to measurement, evaluation, comparison and development of empirical software methods
- Evaluation and comparison of techniques and models
- Development and evaluation of empirical prediction systems or software estimation models
- Data mining and empirical methods
- Quality measurement and assurance
- Measurement and process improvement programs
- Simulation-based studies in software engineering
- Reports on the benefits / costs associated with using certain technologies
- Infrastructures and novel techniques for conducting empirical studies
- Software project experience and knowledge management
- Software technology transfer to the industry

SUBMISSION

We invite submissions in the forms of Full Papers (max. 10 pages), Short Papers (max. 4 pages), Industrial Papers (4-8 pages), and Posters (max. 1 page). Papers should contain an explicit description of the empirical strategy applied, and describe original, unpublished work, which is not under parallel submission elsewhere. Although not strictly required, the use of structured abstracts for full papers is suggested. All submissions must be written in English and formatted in PDF format according to the IEEE manuscript template for conference proceedings. Every accepted contribution must have a minimum of one author registration by the time of the camera ready submission deadline. The ESEM Industry track provides in addition a venue for industry experience reports of potential interest to the researcher and practitioner communities.

Details on the submissions for the different tracks can be taken from the call for papers on our website: http://eseiw.iscas.ac.cn/eseiw2015/

CO-LOCATED EVENTS

ESEM 2015 is a part of Empirical Software Engineering International Week (ESEIW 2015) in October 19 -23, 2015. The ESEIW co-located events are:
- The 22nd ISERN Meeting
- The 13th IASESE Advanced School on Empirical Software Engineering
- The 13th IDOESE Doctoral Symposium on Empirical Software Engineering
- The 11th PROMISE Conference on Predictive Models in Software Engineering
- Software Expert Summit

Details on the co-located events can be taken from the website: http://eseiw.iscas.ac.cn/eseiw2015/

CONFERENCE COMMITTEE

General Co-Chairs:
- Qing Wang, ISCAS, China
- Günther Ruhe, University of Calgary, Canada

Program Co-Chairs:
- Jeff Carver, University of Alabama, USA
- Oscar Dieste, Technical University of Madrid, Spain

Short Papers and Posters Co-Chairs:
- Dietmar Pfahl, University of Tartu, Estonia
- Bixin Li, Southeast University, China

Industrial Papers Co-Chairs:
- Forrest Shull, Carnegie Mellon University, USA
- Dongmei Zhang, Microsoft Research, China

Publicity Co-Chairs:
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Organizing Chair:
- Junchao Xiao, ISCAS, China