



ESEM 2008

2nd International Symposium on Empirical Software Engineering and Measurement

Incorporating ISESE and Metrics

9-10 October 2008

Kaiserslautern, Germany

<http://www.esem-conferences.org/eseiw/>

Call for Short Papers and Posters

Short Paper Deadline: May 20, 2008

Poster Deadline: May 20, 2008

The second International Symposium on Empirical Software Engineering and Measurement (ESEM'08), which has combined ISESE and Metrics, will be held in Kaiserslautern, Germany. ESEM, as its predecessors, has attracted participants from industry, research, and academia alike, confirming that it provides topics that are up-to-date, significant, and interesting.

Theme & Scope

The objective of ESEM is to provide a forum where researchers and practitioners can report and discuss recent research results in the areas of empirical software engineering and measurement.

The symposium encourages the exchange of ideas that help understand, from an empirical viewpoint, the strengths and weaknesses of software engineering technologies. It focuses on the processes, design and structure of empirical studies, and the results of specific studies. These studies may vary from controlled experiments to field studies and from quantitative to qualitative studies. The symposium also provides a forum for exploring the use of data and measurement to understand, evaluate, and model software engineering phenomena.

Short Papers

The goal of short papers is to promote current work, research, practices, experiences, and issues. Short papers can also be an early communication of technical work and do not always require completed results as in the case of a journal/conference publication. Authors can introduce new ideas to the community on controversial issues. Short papers are NOT position statements and true to the conference call should have an empirical component/idea. Short papers will be reviewed and those accepted will be published in separate proceedings.

Poster Sessions

The ESEM posters provide an excellent forum for authors to present their work in an informal and interactive setting. Posters are ideal for presenting speculative, late-breaking results or for giving an introduction to interesting, innovative work. Posters are intended to provide authors and participants with the ability to connect with each other and to engage in discussions about the work. Posters that present work in progress and draw important conclusions from practical experience are especially welcome.

Successful posters are carefully designed to convey technical details. They should also attract the attention of attendees as they stroll past the displays. The goal is to develop a poster that encourages and facilitates small groups of individuals interested in a technical area to gather and interact.

Topics

The relevant topics for short papers and posters include, but are not restricted to, the following:

- Empirical studies of software processes and products
- Evaluation and comparison of techniques and models
- Reports on the benefits derived from using certain technologies
- Empirically-based decision making
- Development of predictive models
- Measurement theory and fundamental issues
- Qualitative methods
- Families of experiments
- Replication of empirical studies
- Industrial experience in process improvement
- Quality measurement and assurance
- Experience management
- Systematic reviews
- Evidence-based software engineering
- Infrastructures and novel techniques for conducting empirical/experimental studies
- Mining data from software repositories
- Measurement education and empirical studies with students
- Effort and cost estimation, defect rate and reliability prediction

Submissions

All short papers and poster proposals must be submitted through the web-based submission system. The link will be published at the conference's home page (<http://www.esem-conferences.org>). Short papers must not exceed 3 pages and poster proposals must not exceed 1 page. Both short papers and poster proposals must be formatted according to the ACM authoring guidelines (<http://www.acm.org/sigs/pubs/proceed/template/html>). Short papers and poster will be published in separate proceedings.

Posters will be handled in direct discussion with Haruka Nakao.

Important Dates

Posters submission deadline: May 20, 2008
Short papers submission deadline: May 20, 2008
Review deadline: June 10, 2008
Notification of Acceptance: June 16, 2008
Camera Ready: June 24, 2008

Organizing Committee

Conference chair

Dieter Rombach, University of Kaiserslautern and Fraunhofer IESE, Kaiserslautern Germany

Short papers chair

Teresa Baldassarre, Department of Informatics, University of Bari, Italy

Posters chair

Haruka Nakao, JAMSS – Japan Manned Space Systems Corporation, Japan

Short papers committee

Pekka Abrahamsson - VTT Electronics (Finland)
Erik Arisholm - Simula Labs (Norway)
Danilo Caivano – University of Bari, (Italy)
Andrea Delucia – Università di Salerno, (Italy)
Oscar Dieste - Facultad de Informática, Universidad Politécnica de Madrid (Spain)
Giuseppe Di Lucca – Università del Sannio, (Italy)
Frank Elberzhager - Fraunhofer IESE (Germany)
Harald Gall - University of Zurich (Switzerland)
Tony Gorschek - BTH (Sweden)
Jo Erskine Hannay – Simula Laboratories (Norway)
Pankaj Jalote - IIT Delhi (India)
Masafumi Katahira – JAXA - (Japan)
Jacky Keung – NICTA (Australia)
Michael Klaes - Fraunhofer IESE , (Germany)
Mark Müller - Robert Bosch GmbH, (Germany)
Mahmood Niazi - School of Computing and Mathematics, Keele University (UK)
Silke Steinbach Nordmann - Fraunhofer IESE (Germany)
Oscar Pastor - Universidad Politécnica de Valencia (Spain)
Odd Petter N. Slyngstad - NTNU (Norway)

Posters committee

Monvorath Phongpaibul ---University of Southern California (USA)
Akito Monden ---Nara Institute of Science and Technology (Japan)
Dietmar Winkler ---TU Vienna (Austria)
Michael Klaes ---Fraunhofer IESE (Germany)
Vigdis By Kampenes ---Simula Research Laboratory (Norway)