ESEM 2007

1st International Symposium on Empirical Software Engineering and Measurement

Incorporating ISESE and Metrics

20-21 September 2007

Madrid, Spain

http://www.esem-conferences.org

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Important Dates

Full Papers Deadline
January 15 2007

Short Papers Deadline
April 13 2007

Posters Deadline
May 15 2007

Full Papers Acceptance
March 15 2007

Full Papers Camera-ready
April 15 2007

Call for Papers

The ISESE and Metrics symposia have just merged and the 2007 symposium will be the first combined International Symposium on Empirical Software Engineering and Measurement (ESEM'07). ISESE and Metrics have continuously attracted participants from industry, research, and academia alike, confirming that both symposia provide topics that are up-to-date, significant, and interesting.

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 software 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.

The relevant topics 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

Full Papers Submission

Papers describing unpublished, original work are solicited on any software engineering topic, as long as there is a strong empirical/experimental component to the work being presented. Such contribution can take the form of a case/field study, controlled experiment, survey, meta-analysis of previous studies, enhancement of empirical/experimental methods or critical review of previous empirical work (e.g. from a methodological standpoint).

All papers must be submitted through the web-based submission system in PDF format. The link will be published at the symposium's home page (http://www.esem-conferences.org). Papers are limited to 10 pages, must be written in English, and be formatted according to the IEEE CS Press Proceedings authoring guidelines (http://www.computer.org/portal/site/cscps). Papers that exceed 10 pages, are outside the scope of the symposium, or do not follow the formatting guidelines will be rejected without review.

Authors of selected high-quality papers will be invited to submit an expanded version for a special issue or section of the Journal of Empirical Software Engineering (http://www.sce.carleton.ca/squall/emse).

Short Papers and Posters Submission

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 IEEE authoring guidelines (http://www.computer.org/portal/site/cscps). Short papers will be reviewed and those accepted will be published in separate proceedings. Posters will be handled in direct discussion with Andreas Jedlitschka.

ESEIW 2007

Empirical Software Engineering International Week

17-21 September 2007

Madrid, Spain

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

Sponsored by

The Empirical Software Engineering International Week is composed by four different events:

ISERN 2007

The meeting of the International Software Engineering Research Network

September 17-18, 2007

IASESE 2007

International Advanced School of International Empirical Software Engineering

September 19, 2007
Chair: Claes Wohlin
Blekinge Institute of Tech., Sweden

IDoESE 2007

Doctoral Symposium on Empirical Studies

September 19, 2007
Chair: Sandro Morasca
University of Insubria, Italy

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See backside for details

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