The ACM / IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM) is the premier conference to present research results related to empirical software engineering. These include the discussion of: i) strengths and weaknesses of software engineering technologies and methods from an empirical viewpoint; ii) the design and analysis of empirical studies, ranging from controlled experiments to field studies and from quantitative to qualitative studies; iii) the use of data and measurement to understand, evaluate, and model software engineering phenomena. The symposium encourages the presentation 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.

http://esem.cs.lth.se/esem2012/

**THE RELEVANT TOPICS INCLUDE**

- Measurement theory and fundamental issues
- Qualitative methods
- Infrastructures and novel techniques for conducting empirical studies
- Families of experiments
- Replication of empirical studies
- Cross- and multi-disciplinary methods and studies
- Systematic literature reviews
- Meta-analysis and research synthesis
- Empirical studies of software processes and products
- Evaluation and comparison of techniques and models
- Reports on the benefits / costs associated with using certain technologies
- Industrial experience and case studies
- Empirically-based decision making
- Development and evaluation of prediction systems
- Effort and cost estimation, defect rate and reliability prediction
- Mining data from software repositories or other sources
- Quality measurement and assurance
- Software project experience and knowledge management
- Technology transfer
- Measurement and process improvement programs

**ORGANIZATION**

**General chair**
Per Runeson, Lund University, Sweden

**ESEM Program Co-chairs**
Martin Höst, Lund University, Sweden
Emilia Mendes, Zayed University, UAE

**ESEM Short Papers and Posters Chairs**
Anneliese Andrews, University of Denver, USA
Rachel Harrison, Oxford Brookes University, UK

**Publicity chair**
Maria Teresa Baldassarre, University of Bari, Italy

**LOCATION**
The conference venue is AF-borgen [http://www.afborgen.se] in the historical center of Lund, 32 minutes from Copenhagen Airport.

**DENMARK SWEDEN**

The city of Lund, with 110,000 inhabitants, has its origin dated back to the year 990 and is known for its cathedral, founded in the 12th century, and its University, founded in 1666. The city was originally Danish, but has been Swedish since 1658. Lund is still known for its cathedral, its University - now with 47,000 students and 6,300 employees, at campuses in Lund and nearby Malmö and Helsingborg - and also for the IDEON science park and related companies, growing from the various research fields of the University. [http://en.wikipedia.org/wiki/Lund]