



Conference Organization

General Chair:

Stefan Wagner, University of Stuttgart

PC Chair:

Burak Turhan, University of Oulu

Publicity Chair:

Ye Yang, Chinese Academy of Sciences

Local Organization Chair:

Ayse Bener, Ryerson University

Webmaster:

Burak Turhan, University of Oulu

Programme Committee:

Lefteris Angelis, Aristotle Univ. of Thessaloniki

Ayse Bener, Ryerson University

Christian Bird, Microsoft Research

David Bowes, University of Hertfordshire

Daniela Da Cruz, University of Minho

Massimiliano Di Penta, University of Sannio

Harald Gall, University of Zurich

Vahid Garousi, University of Calgary

Tracy Hall, Brunel University

Mark Harman, University College London

Rachel Harrison, University of Oxford

Jacky Keung, HK Polytechnic University

Sunghun Kim, Univ. of HK Sci. and Tech.

Ekrem Kocaguneli, West Virginia University

Lech Madeyski, Wroclaw Univ. of Tech.

Kenichi Matsumoto, NAIST, Japan.

Emilia Mendes, Blekinge Inst. of Technology

Tim Menzies, West Virginia University

Leandro Minku, Univ. of Birmingham

Thomas Ostrand, Rutgers University

Daryl Posnett, UC Davis

Rudolf Ramlar, Software Competence

Center Hagenberg GmbH

Daniel Rodriguez, The University of Alcalá

Guenter Ruhe, University of Calgary

Federica Sarro, University College London

Carolyn Seaman, UMBC

Martin Shepperd, Brunel University

Qinbao Song, Xi'an Jiaotong University

Ayse Tosun Misirli, University of Oulu

Burak Turhan, University of Oulu

Stefan Wagner, University of Stuttgart

Dietmar Winkler, Vienna Univ. of Technology

Ye Yang, Chinese Academy of Sciences

Hongyu Zhang, Tsinghua University

Yuming Zhou, Nanjing University

Keynote Speaker:

Tom Zimmermann, Microsoft Research

Important Dates:

Abstracts due: April 05, 2013

Submissions due: April 12, 2013

Author notification: June 10, 2013

Camera-ready copy due: June 28, 2013

<http://promisedata.org/2013/>

Call for Submissions to PROMISE 2013

(Co-located with ESEM 2013)

PROMISE conference is an annual forum for researchers and practitioners to present, discuss and exchange ideas, results, expertise and experiences in construction and/or application of prediction models in software engineering. Such models could be targeted at: planning, design, implementation, testing, maintenance, quality assurance, evaluation, process improvement, management, decision-making, and risk assessment in software and systems development.

The special theme of PROMISE'13 is predictions across projects, contexts and organizations, where the predictions employ approaches (e.g. transfer learning, instance selection, data filtering) with an impact that is useful in practice, in order to solve the problem of learning under concept drift (across time and space).

TOPICS OF INTEREST:

* (Application oriented): Predicting for cost, effort, quality, defects, business value; quantification and prediction of other intermediate or final properties of interest in software development regarding people, process or product aspects; using predictive models in policy and decision making; using predictive models in different settings, e.g. lean/agile, waterfall, distributed, community-based software development.

* (Theory oriented): Interdisciplinary and novel approaches to predictive modeling that contribute to the theoretical body of knowledge in software engineering; verifying/refuting/challenging previous theory and results; the effectiveness of experts vs. automated models in predictions.

* (Data and model oriented): Data quality, sharing, and privacy; ethical issues related to data collection; metrics; contributions to the repository; model construction, evaluation, sharing and reusability; tools and frameworks to support researchers and practitioners to collect data and construct models to share/repeat experiments and results.

KINDS OF PAPERS:

We invite all kinds of empirical studies on the topics of interest (e.g. case studies, meta-analysis, replications, experiments, simulations, surveys etc.), as well as industrial experience reports detailing the application of prediction technologies and their effectiveness in industrial settings. Following the tradition, PROMISE'13 will give the highest priority to empirical studies based on publicly available datasets. It is therefore encouraged, but it is not mandatory, that conference attendees contribute the data used in their analysis to the on-line PROMISE data repository.

We solicit both full and short papers. Short papers are intended to disseminate new ideas, on-going work and preliminary results for early feedback, and do not necessarily require complete results as in full papers. The deadline for short papers is the same as full papers.

SUBMISSIONS:

Submissions must conform to the ACM SIG proceedings templates, and within 10(4) pages for full(short) papers. Papers should be submitted via EasyChair: <http://www.easychair.org/conferences/?conf=promise2013>.

Accepted papers will be published in the ACM digital library.

SPECIAL ISSUE:

The venue for the special issue is TBA. Previous PROMISE special issues have appeared in IEEE Software, ESE Journal, IST Journal, and ASE Journal.