

Welcome to the 12th International Conference on Predictive Models and Data Analytics in Software Engineering (PROMISE 2016)

It is our pleasure to welcome you to the 12th International Conference on Predictive Models and Data Analytics in Software Engineering (PROMISE 2016), to be held in Ciudad Real, Spain, on September 7, 2016, co-located with the 10th International Symposium on Empirical Software Engineering and Measurement (ESEM 2016).

PROMISE is an annual forum for researchers and practitioners to present, discuss and exchange ideas, results, expertise and experiences in construction and/or application of predictive models and data analytics in software engineering. Such models and analyses 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.

PROMISE is distinguished from similar forums with its public data repository and focus on methodological details, providing a unique interdisciplinary venue for software engineering and data mining communities, and seeking for verifiable and repeatable experiments that are useful in practice.

This year PROMISE received a total of 23 paper submissions. After a reviewing process, in which each paper has been reviewed by at least three members of the program committee, and in which an online discussion was held, we accepted a total of 10 papers (3 short papers and 7 full papers), which will be presented in 4 technical sessions. The acceptance criteria were entirely based on the quality of the papers, without imposing any constraint on the number of papers to be accepted.

We are delighted to announce an outstanding keynote that will be delivered by Prof. Natalia Juristo from Technical University of Madrid, Spain. Her keynote will be about “Use and Misuse of the term experiment in the software repositories research”.

We would like to thank all authors for submitting high quality papers, and program committee members as well as external reviewers for their timely and accurate reviewing activity. Last, but not least, we would like to thank the ESEM 2016 organizers for hosting PROMISE 2016 as a co-located event and for their logistic support in the organization of the conference.

We hope you will enjoy PROMISE 2016. We certainly will!

The PROMISE 2016 Organization and Steering Committee:

Ayse Bener, Leandro Minku, Andriy Miranskyy, Massimiliano Di Penta, Daniel Rodriguez, Burak Turhan, Hongyu Zhang

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