Fourth International Workshop on Artificial Intelligence for Requirements Engineering (AIRE'17)

AIRE Overview

The purpose of this workshop is to explore synergies between Artificial Intelligence (AI) and Requirements Engineering (RE) to improve requirements quality. AIRE aims to strengthen the links between the community, including industry and academia. We welcome submissions in the intersection between RE and AI. The topics of interest include but are not limited to:

- RE quality models and their automation
- Natural language processing and comprehension
- Machine learning techniques including supervised, unsupervised, and machine-human interactions
- Reasoning about uncertainties and ambiguities
- Reasoning techniques
- Knowledge acquisition and representation
- Agent based solutions
- Problem solving and decision making support mechanisms
- Optimization techniques
- Automated approaches for prioritization

Contribution Types

The workshop solicits two contribution types:

- **Research papers** (max. 7 pages). These papers should describe ongoing research, in terms of quality models that can be automatically analyzed, new approaches to detect certain quality factors, improvements of existing approaches, as well as empirical studies.
- **Position papers** (max 3 pages). These papers serve to foster discussion on hot, relevant topics in the field.

In both cases, papers will be peer-reviewed and accepted papers will appear in the IEEE digital library.

Contact

Web: http://aire.in.tum.de/
Mail: aire17@easychair.org

Organizers

Henning Femmer, TU München, Germany
Andreas Vogelsang, TU Berlin, Germany
Fabiano Dalpiaz, Utrecht University, Netherlands

Program Committee

Fatma Başak Aydemir, Utrecht University, NL
Nelly Bencomo, Aston University, UK
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Luisa Mich, University of Trento, IT
Nan Niu, University of Cincinnati, USA
Mehrdad Sabetzadeh, University of Luxembourg, LU
Kurt Schneider, Leibniz Universitat Hannover, DE
Paola Spoletini, Kennesaw State University, USA
Michael Unterkalmsteiner, Blekinge TH, SE

Key Dates

Abstract Submission	Tuesday, May 30, 2017
Paper Submission	Friday, June 09, 2017
Paper Notification	Friday, June 30, 2017
Camera Ready Due	Sunday, July 16, 2017
Workshop	September 04 or 05, 2017 (to be confirmed)

 AIRE'17 is co-located with the 25th IEEE International Requirements Engineering Conference (RE 2017) in Lisbon, Portugal.