13TH INTERNATIONAL SYMPOSIUM ON SOFTWARE ENGINEERING FOR ADAPTIVE AND SELF-MANAGING SYSTEMS

MAY 28–29, 2018
GOTHENBURG, SWEDEN

SCOPE

Modern and emerging software systems have to operate without interruption. Self-adaptation and self-management enable these systems to adapt themselves at runtime to preserve and optimize their operation in the presence of uncertain changes. Approaches to complement software-based systems with self-managing and self-adaptive capabilities are an important area of research and development. The SEAMS symposium focuses on applying software engineering to these approaches, including methods, techniques, processes and tools that can be used to support self-* properties.

The objective of SEAMS is to bring together researchers and practitioners from diverse areas to investigate, discuss, and examine the fundamental principles, the state of the art, and critical challenges of engineering self-adaptive and self-managing systems.

TOPICS OF INTEREST

- Foundational Concepts
- Adaptation Objectives
- Engineering Strategies
- Engineering Activities
- Analytical Methods
- Languages
- Application Areas
- Artifacts

CALL FOR PAPERS

TYPES OF PAPERS

- **Long papers** (10 pages + 2 pages references)
- **Comparative study papers** (10 pages + 2 pages references)
- **Short papers** (6 pages + 1 page references)
- **Extended abstracts on "security and adaptivity"** (2 pages incl. references)
- **Artifact papers** (6 pages + 1 page references)
- **Doctoral project papers** (4 pages + 1 page references)

Papers must conform to the ACM formatting guidelines (see ICSE 2018 style guidelines), and submitted via EasyChair:
https://easychair.org/conferences/?conf=seams2018

Accepted papers will appear in the symposium proceedings that will be published in the ACM and IEEE digital libraries.

Accepted artifact papers will also be archived on the Dagstuhl Artifacts Series (DARTS).

IMPORTANT DATES

Abstract Submission: 12/01/18
Paper Submission: 19/01/18
Notification: 19/02/18
Camera Ready: 02/03/18
Symposium: 28-29/05/18

Conference Website:
http://2018.seams-symposia.org
Contact:
seams-2018-org@cs.kuleuven.be

ORGANIZING COMMITTEE

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