



Call for Papers

2nd Workshop on Continuous Software Engineering (CSE)

In conjunction with [Software Engineering 2017](#)
Hannover, February 21, 2017

IMPORTANT DATES

Submission deadline:

December 23, 2016

Notification of acceptance:

January 18, 2017

Camera-ready version:

January 27, 2017

Workshop:

February 21, 2017

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WPS – Workplace Solutions

In order to develop and deliver high-quality products to their customers, software companies have to adopt state-of-the-art software development processes. To face this challenge, companies are applying innovative methods, approaches and techniques like agile methods, DevOps, Continuous Delivery, test automation, infrastructure as code or container-based virtualization.

These new approaches have a high impact on the specification, design, development, maintenance, operation and the evolution of software systems. Therefore, common software engineering activities, organizational forms and processes have to be questioned, adapted and extended to ensure continuous and unobstructed software development (Continuous Software Engineering). So far, there is a lack of systematic approaches to face these challenges.

The goal of this workshop is to present and discuss innovative solutions, ideas and experiences in the area of Continuous Software Engineering (CSE).

TOPICS OF INTEREST

The topics of interest include, but are not restricted to the following:

Processes & Workflows

- Change Management - Handling user feedback
- Software Development Lifecycle for CSE
- Continuous Delivery for Requirements Engineering/Early Prototyping
- Lean agile Processes & Practices

Technologies & Tools

- Infrastructure as Code
- Provisioning of Software & Infrastructure
- Application Virtualization with Container
- Engineering of Deployment Pipelines

Architecture

- Design for Scalability
- Software Architecture for CSE
- Microservices
- Model Driven Architecture for CSE

Quality & Testing

- Test Automation & Optimization
- Monitoring & Performance
- Security for DevOps
- Metrics for DevOps

Culture & Business

- Teaching CSE approaches
- Organizational Issues for CSE
- Digital Transformation & Innovation

SUBMISSIONS

We solicit two types of submissions: **full papers** (up to 8 pages) and **short papers** (up to 4 pages). Full papers present original and evaluated research whereas short papers describe novel ideas, identified challenges, and especially experience reports related to the workshop's topics.

We encourage you to submit a contribution, both from a research and an industry perspective. All submissions will be peer reviewed and judged on the basis of their clarity, relevance, and interest to the workshop participants.

Paper submissions must be in English and conform to the [LNI format](#).

Papers are to be submitted electronically to the [CSE2017 EasyChair](#) paper submission system.

The workshop proceedings will be published at [CEUR-WS](#), which is indexed by [dblp](#), the world's most comprehensive open bibliographic data service in computer science.

Authors of accepted papers have to register for the workshop.