

8th ZEUS Workshop

Call for Papers

January 27-28, 2016 in Vienna, Austria

<http://www.infosys.tuwien.ac.at/zeus>

Objectives

ZEUS focuses on the discussion of fresh ideas, the presentation of work in progress, and the establishment of a scientific network between young researchers in the region.

Discuss fresh ideas

We offer a forum to discuss ideas at a level that is more work-in-progress than in a traditional conference. We thereby want to attract especially PhD students in the early phases of their work. Participants can get feedback from outside their group before a submission to a reviewed conference. This makes ZEUS an original opportunity to discuss ideas.

Practice scientific work

We see the ZEUS workshop as an opportunity to practice the whole range of scientific work. We do not take the sole focus on the submitted papers, but also on the presentations and the discussions during the workshop. To this end, we hand out a Best Presentation Award since 2010 at the end of the workshop to appreciate high quality presentations.

Establish contacts between young researchers in the region

We aim at bringing together young researchers who work in the same geographic and scientific region. This way, we would like to provide an opportunity for people to establish a scientific network that can be intensely used, including mutual visits at affordable costs. The workshop will serve as a platform to present current research ideas and research directions.

Topics

The topics of the ZEUS workshop are centered around service technologies, which includes a rich set of facets. The purpose of analysis, synthesis or simulation of service technologies are as welcome as practical evaluations, use case-driven feasibility studies, or technology adoption models. ZEUS also calls for contributions in the field of Cloud computing, RESTful services, and microservices.

Topics include, but are not limited to:

- Aspects around the service lifecycle (analysis, specification, modelling, testing, deployment, execution, monitoring)
- Patterns, languages, reference models, and model extensions
- Multi-view and multi-perspective engineering (SOA, choreographies, collaborations, conversations, artifact-centric systems)
- Formal methods, models, simulation, and verification
- System architectures
- RESTful systems (design aspects, hypermedia, linked data, mashups, other protocols, ...)
- Microservices (architecture, lifecycle, deployment)
- Workflows and business processes
- Complex event processing (correlation, aggregation, transformation, monitoring, extraction)
- Security, compliance, and non-functional requirements and properties
- Cloud-enabled applications, migration to/from the Cloud, big data
- Applications, frameworks, methods, tool demonstrations, and case studies

Submission

We are looking forward to three types of contributions for ZEUS 2016. All papers must be submitted following the instructions at the ZEUS submission site handled by EasyChair:

<https://www.easychair.org/conferences/?conf=zeus2016>

Results can be presented in talks or tool demonstrations. Submissions will be reviewed by at least three reviewers each in order to assure general fitness regarding content, readability and scope and to give first feedback to the authors. Depending on innovation, technical soundness and presentation clarity, papers may be rejected or accepted as position or workshop papers.

Workshop papers

Workshop papers are *regular* contributions that describe original solutions in field of ZEUS. These papers must not exceed 6 pages (LNCS style). Workshop papers are reviewed according to the call for papers. Accepted papers shall be included in the proceedings and presented at the workshop.

Positions papers

Position papers should draft a new idea and put it up for discussion at the workshop. Position papers should only be an extended abstract and must not exceed 3 pages (LNCS style). Position papers are briefly reviewed according to the call for papers. The main idea and the relation to existing work should be contained. Accepted papers shall be included in the proceedings. Position papers have been introduced based on the experiences gained from the last editions. They allow authors to get early feedback during the workshop, but should not disallow extending the paper to a full paper submitted to a first class conference – even if the position paper is referenced and the delta is explained properly.

Tools demonstrations

ZEUS also offers a forum to demonstrate implementations of techniques and algorithms in the area of the aforementioned topics to get early feedback and provide interesting insights for the audience. Tool demonstrators are asked to submit a demo script of no more than 3 pages (LNCS style) which states how the tool is linked to the call for papers and what to expect during the demonstration.

Important Dates

- Submission: December 04, 2015
- Notification: December 23, 2015
- Camera-ready (pre-proceedings) version: January 13, 2016
- Registration: January 15, 2016
- Workshop: January 27/28, 2016

Organization

Steering Committee

- Oliver Kopp, University of Stuttgart
- Niels Lohmann, Carmeq GmbH
- Karsten Wolf, University of Rostock

Program Chairs

- Stefan Schulte, TU Wien
- Christoph Hochreiner, TU Wien

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