

Call for Papers
Sixth Workshop on Managing Technical Debt (MTD 2014)

<http://www.sei.cmu.edu/community/td2014/>

Co-located with ICSME 2014

September 30, 2014

Victoria, BC, Canada



Technical Debt is a metaphor that software developers and managers increasingly use to communicate key trade-offs related to release and quality issues. The Managing Technical Debt workshop series has, since 2010, brought together practitioners and researchers to discuss and define issues related to technical debt and how they can be studied. Workshop participants reiterate the usefulness of the metaphor each year, share emerging practices used in software development organizations, and emphasize the need for more research and better means for sharing emerging practices and results.

Our goal of this sixth workshop on Managing Technical Debt is to bring together leading software maintenance researchers and practitioners for the purpose of exploring practical problems to provide opportunities for research that can provide effective practices.

While paper acceptance is not a requirement to participate in the workshop, we are seeking papers on practical experience with technical debt and approaches to evaluate and manage technical debt including, but not limited to the following topics:

- Techniques for eliciting technical debt
- Visualizing technical debt
- Analyzing technical debt
- Measuring technical debt
- Relationship of technical debt to software evolution, maintenance and software aging
- Economic models for describing technical debt
- Technical debt and software life-cycle management
- Technical debt within the software ecosystem
- Technical debt and architecture
- Concrete practices and tools used to control technical debt

Papers must conform to the IEEE CS Proceedings style guidelines. Submissions must be submitted online via the MTD 2014 EasyChair conference management system. Accepted papers will be presented at the workshop and published with the ICSME proceedings.

We invite submissions of papers in any areas related to the themes and goals of the workshop in the following categories:

1. research papers - describing innovative and significant original research in the field (8 pages)
2. industrial papers - describing industrial experience, case studies, challenges, problems and solutions (8 pages)
3. position and future trend papers - describing ongoing research, new results, and future trends (4 pages)

Submissions should be original and unpublished work. Each submitted paper will undergo a rigorous review process by three members of the Program Committee.

Important Dates

- Submission deadline: June 30, 2014
- Notification of acceptance: July 31, 2014
- Final, camera-ready copy: August 7, 2014
- Workshop date: September 30, 2014

Workshop Chair

Carolyn Seaman, University of Maryland Baltimore County

Steering Committee

Philippe Kruchten, University of British Columbia
Robert L. Nord, Software Engineering Institute
Ipek Ozkaya, Software Engineering Institute