

7th ACM/IEEE International Symposium on Software Engineering for Adaptive and Self-Managing Systems


SEAMS 2012 

Zürich, Switzerland
June 4-5, 2012

 **2012**


<http://www.seams2012.cs.uvic.ca>

General Chair



Hausi A. Müller, Canada

PC Chair



Luciano Baresi, Italy

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34th International Conference on Software Engineering  **2012**

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Luciano Baresi, Italy

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Program Committee

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Submission	Jan 10, 2012
Notification	Feb 27, 2012
Camera ready	Mar 12, 2012

Important Dates

<http://www.seams2012.cs.uvic.ca>

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In the context of self-adaptive and self-managing systems

<p>Regular papers</p> <ul style="list-style-type: none"> ◊ 10 pages ◊ Describe contribution and how the work has been validated ◊ Describe how a technique has been applied in practice 	<p>Position papers</p> <ul style="list-style-type: none"> ◊ Up to 6 pages ◊ Opportunity to describe promising ideas or techniques that are not fully validated
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- ◊ All papers will be reviewed by three program committee members
- ◊ Papers must not have been previously published or concurrently submitted elsewhere
- ◊ Accepted papers will appear in the symposium proceedings
- ◊ Published in ACM and IEEE digital libraries

SEAMS 2012 Papers

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In the context of self-adaptive and self-managing systems

<ul style="list-style-type: none"> ◊ Requirements elicitation techniques ◊ Formal notations for modeling and analyzing ◊ PL support ◊ Properties ◊ Reuse support ◊ Design and architectural support ◊ Feedback control ◊ Algorithms ◊ Integration mechanisms 	<ul style="list-style-type: none"> ◊ Self-repairing programs ◊ Automated patch generation ◊ Evaluation and assurance ◊ Verification and validation ◊ Frameworks ◊ Testing ◊ Decision-making strategies user-trust ◊ Model problems and exemplars
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SEAMS Topics

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In the context of self-adaptive and self-managing systems

- ◊ Mobile applications
- ◊ Cloud computing
- ◊ Resource provisioning and optimization
- ◊ Autonomic computing
- ◊ Feedback control of computing systems
- ◊ Problem determination
- ◊ Logging, analysis and diagnostics
- ◊ Smart UIs and smart commerce
- ◊ Service-oriented systems
- ◊ Dependable computing
- ◊ Autonomous robotics



SEAMS Application Areas

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Tourism websites







Useful Swiss Websites

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Zürich is one of the most livable cities in the world



Zürich

<http://www.seams2012.cs.uvic.ca> 11

Famous mountain in the central part of Switzerland



Rigi

<http://www.seams2012.cs.uvic.ca> 12



**We hope to see you
in Zürich in 2012**

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