



41st Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2015)

Funchal, Madeira, Portugal -- August 26-28, 2015

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IMPORTANT DATES

Abstract & Paper Submission (EXTENDED):	Mar 8, 2015
Notification of Acceptance:	April 27, 2015
Camera-ready Paper Due:	May 29, 2015
Conference:	Aug. 26-28, 2015

Technical Track on Model-based Development, Components, and Services (MOCS)

Two of the major current trends in software engineering are: the increasing emphasis on model-driven engineering, and the increasingly central role of component-based and service-based paradigms in tackling scale and complexity in the development of ever larger and more complex software systems. It can be argued that these two trends can potentially combine the best of both the process-centric and the product-centric views of software engineering: process efficiency and product quality.

We encourage submissions of a theoretical nature as well as experience reports, from academia and especially from industry. Suggested areas of interest include, but are not restricted to:

Model-based development:

- Model transformation and reengineering.
- Model-based validation and verification.
- Models in the system engineering process.
- Model evolution and maintenance.
- Quality assurance for models.
- Tool support for model-based development.
- Component-based and Service-based software engineering:

Component-based and service-oriented architectures;

- Compositional reasoning techniques for component-based and service-oriented systems;
- Quality of components and services;
- Generation, adaptation and deployment of component-based and service-oriented systems;
- Specification, verification, testing and checking of component-based and service-oriented systems;
- Measurement, prediction and monitoring of component-based, distributed and service-oriented systems;
- Runtime support for components;
- Model-, Component- and Service-based development:

Integrated tool chains and methods for modeling and building component-based services;

- Reverse engineering, modelling, and componentization of legacy code;
- Models, components and services for dependable, real-time and embedded systems;
- Case studies and experience reports.

SUBMISSIONS & PUBLISHING

SEAA 2015 encourages the submission of full and short research papers and experience reports. Full research papers must contain original unpublished work, describe significant novel contributions, and provide evidence on the validation of results. In particular, reports on industrial applications are welcome.

CPS, Conference Publishing Services, publishes the SEAA Proceedings (submitted for ISI indexing), submitted to the IEEE Xplore Digital Library.

The SEAA conference will also provide **best papers awards**.

Authors of best papers will be invited to revise and re-submit an extended version of the papers for publication in the Special Section on "Advanced Applications in IT" in the **Springer Software Quality Journal**.

All information about the various calls can be found at

<http://euromicro.org/seaa/>

Submissions will be handled via EasyChair:

<https://easychair.org/conferences/?conf=seaa2015>

Also join the LinkedIn Group for updates:

www.linkedin.com/groups?home=&gid=4205536