



Reusing Open-Source Software Components - ROSS 2012 @ ACM SigSoft CompArch 2012

Bertinoro, Italy, June 25, 2012

<http://opensme.eu/ross>

Important days

Papers submissions: March 7th

Notifications: April 7th

Camera-ready : April 28

Program chairs:

- Ivica Crnkovic, Mälardalen University, Sweden
- Ioannis Stamelos, Aristotle University of Thessaloniki, Greece

Program Committee

- Jesús M. González-Barahona, Universidad Rey Juan Carlos, Spain
- Michel Chaudron, Leiden University, The Netherlands
- Miodrag Ivkovic, University of Novi Sad, Serbia
- George Kakarontzas, Aristotle University of Thessaloniki, Greece
- Panagiotis Katsaros, Aristotle University of Thessaloniki, Greece
- Xiaodong Liu, Edinburgh Napier University, United Kingdom
- Maurizio Morisio, Politecnico di Torino, Italy
- Sasikumar Punnekat, Mälardalen University, Sweden
- Diomidis Spinellis, Athens University of Economics and Business, Greece

Web Master

- Stefanos Skalistis, Aristotle University of Thessaloniki, Greece

Open-Source reuse is becoming one of the major business models for many companies. This workshop focuses on reusing open-source components. A combination of component-based approach and open-source can lead to a more effective and efficient development process; for example a development process using open-source components can be separated in a domain-specific development process, in which open-source components are adapted to the domain requirements, and an application process in which the domain-specific components are reused. On the other hand using open-source components introduces new challenges; for example uncontrolled change of components source code can lead to less efficient reusability.

This workshop aims for bringing researchers and industrial experts to present and discuss the issues related to reuse of open-source components from technical, process, organizational, legal, and business point of view. We are in particular interested in potentials for Small and Medium Enterprises (SMEs). The workshop will be organized as a combination of submitted papers presentations and open discussions.

We encourage submitting papers targeting the following topics (but not limited to them):

- Open Source Component-based development process
- Domain-engineering and application engineering process
- Domain-specific components
- Retrieving and assessing Open Source Components
- Adaptation of Open Source Components
- Legal, organizational and business issues in reusing open-source components
- Tools and methods for open source components
- Industrial experience using open source components
- Empirical studies in open source component-based engineering
- Open source components utilization in large organizations, and in SMEs.

Paper Submissions

We invite long and short papers. Long papers must not exceed 8 pages and short papers must not exceed 4 pages, in the ACM format. In addition position papers can be submitted not exceeding 2 pages in the ACM format. All submitted papers will be reviewed by at least three program committee members. Papers must not have been previously published or concurrently submitted elsewhere. The long and short papers will be published in ACM Digital Library as parts of the workshop proceedings. The submission details will be published on the workshop web page.

Location

Bertinoro is a beautiful place in the middle of Italian Apennine. The Congress Center is composed of three large historical and monumental buildings forming a unique block on the top of the built-up area of the ancient town. The place is quiet and hospitable and it is surrounded by a very pleasant and peaceful atmosphere.

Sponsorship and Contributors.

ROSS is a workshop at ACM SigSoft CompArch 2012, <http://comparch2012.dei.polimi.it/>

As a part of ACM SigSoft CompArch 2012, the workshop is sponsored by ACM.

The main workshop contributor is OPEN-SME – “Open-Source Software Reuse Service for SMEs”, EU FP7 Project (<http://opensme.eu>)