

PESOS 2012

4th Int'l Workshop on Principles of Engineering Service- Oriented Systems

Zurich, Switzerland

June 4, 2012

<http://www.s-cube-network.eu/pesos-2012>



Call for Participation

Service-oriented systems pose novel challenges to software engineering, stemming from the lack of homogeneity of their basic components and from the requirement of being able to accommodate unprecedented levels of changes and dynamic evolution. Increasingly, services will be offered via the Internet through emerging delivery models such as software-as-a-service (SaaS), business process outsourcing (BPO), cloud services and third-party services. This means that future software systems will increasingly rely on the provisioning of services, which are no longer under the software engineer's control. Those trends are reflected in the special theme of the 4th edition of PESOS: **"Internet of Services"**.

The goal of PESOS 2012 is to bring together software engineering researchers from academia and industry, as well as practitioners working in the areas of service-oriented systems to discuss **research challenges, recent developments, novel application scenarios, as well as methods, techniques, experiences and tools** to support engineering, evolution and adaptation of large-scale, highly-dynamic service-oriented systems.

For the first time, PESOS will feature a special session on **"the quest for case studies"**. The special session aims to serve as a forum for researchers and practitioners sharing this vision and willing to contribute with their effort and experience. The ultimate goal is to create a reference set of case studies for the research community in service-oriented systems, hosted on a publicly available repository. The session will be organized as a working session in which participants can present their experience and lessons learned.

Programme Outline

Keynote speech

Carl Worms, Enterprise Architect, Credit Suisse IT Private Banking

Regular Workshop Presentations, featuring contributions addressing any of the topics related to software engineering for the "Internet of Services", SOA, Web services, cloud computing, and connected areas.

Case Study Presentations, featuring descriptions of case studies in the area of service-oriented systems, and its related artefacts (e.g., service interfaces, process descriptions and models, SLAs and monitoring data), as well as reports on experiences in using case studies in research for service-oriented systems.

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* = Member of special session evaluation committee



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