



Call for Papers

2nd Workshop on Measurement-based Cockpits for Distributed Software and Systems Engineering Projects (SOFTPIT 2008)

In conjunction with the
9th International Conference on Product Focused
Software Process Improvement (PROFES 2008)
June 23 - 25, 2008, Frascati, Rome, Italy
<http://www.profes08.uniroma2.it/>

Goals

In order to successfully conduct global development projects, one crucial success factor is the existence of well-specified and coordinated distributed development processes. Therefore, it is necessary to have efficient management and controlling mechanisms in place. Many companies are currently establishing so-called software cockpits for systematic quality assurance and management support. A software cockpit is comparable to an aircraft cockpit, which centrally integrates all relevant information for monitoring, controlling, and management purposes. In practice, a variety of simple dashboards approaches for project control exists. However, approaches supporting advanced management techniques and allowing for organization-wide data collection, interpretation, and visualization are rarely implemented.

The goal of this workshop is to discuss techniques, methods, and tools for the measurement-based management of globally distributed software development projects and to share experiences among researchers and practitioners. Efficiently managing distributed development projects (multi-sited and multi-organizational) implies many challenges that need to be addressed by software engineering research. Typical research questions address the problems of how to cope

with different cultures or heterogeneous organizational structures, platforms, measurement systems, and process maturities. Other research areas include the establishment of data security, transparency, confidence in integrated data and interpretation models, and well-coordinated development processes and interfaces.

Important Dates

- Paper submission deadline: March 21
- Notification of acceptance: April 11
- Final camera ready papers due: May 16

Submission

Papers should be submitted in PDF format per Email to [Jens Heidrich](mailto:jens.heidrich@iese.fraunhofer.de). Please note that only those papers will be considered for review, which do not exceed 7 pages and adhere to the layout instructions detailed in the layout guidelines. Please download the [authoring guidelines](#) and make sure that your paper fulfills all format requirements.

Organizing Committee

- Marcus Ciolkowski, Fraunhofer IESE, marcus.ciolkowski@iese.fraunhofer.de
- Jens Heidrich, Fraunhofer IESE, jens.heidrich@iese.fraunhofer.de
- Marco Kuhrmann, TU München, mkuhrmann@in.tum.de

More Information and News

Up-to-date information and news can be found on the workshop's homepage:

<http://www.soft-pit.de/>

Topics

The workshop will discuss techniques, methods, and tools that support the effective management of distributed development projects. Topics of interest include, but are not limited to:

- Data-driven management of distributed development projects
- Strategies for distributed management and controlling
- Key performance indicators and success factors for managing distributed projects
- Introduction and application of distributed control mechanisms
- Cultural, technical, social, and organizational issues for distributed project management
- Efficient mechanisms for aggregation and drill-down of distributed data
- Innovative visualization mechanisms and stakeholder-specific views for distributed control centers
- Goal-oriented measurement
- Process-/tool integration and harmonization in distributed environments

Target Audience

The workshop addresses practitioners and researchers who are interested in the management of distributed software projects and

in innovative techniques and methods for distributed project control. Practitioners and researchers are encouraged to submit new approaches, experience reports, success cases, or failure stories, addressing at least one of the technical issues raised above.

Program Committee

- Rainer Bloch, LogControl GmbH, Germany
- Marcus Ciolkowski, Fraunhofer IESE, Germany
- Jens Heidrich, Fraunhofer IESE, Germany
- Hajimu Iida, Nara Institute of Science and Technology, Japan
- Philip Johnson, University of Hawaii, USA (*to be confirmed*)
- Patrick Keil, TU München, Germany
- Marco Kuhrmann, TU München, Germany
- Bernhard Kurpicz, OrgaTech GmbH, Germany
- Claus Lewerentz, BTU Cottbus, Germany
- Mikael Lindvall, Fraunhofer CESE, USA (*to be confirmed*)
- Jürgen Münch, Fraunhofer IESE, Germany
- Rafael Prikladnicki, PUCRS, Brazil
- Birk Siegmund, T-Systems MMS, Germany
- Frank Simon, SQS AG, Germany
- Darja Smite, Riga Information Technology Institute, Latvia