

The First International Workshop on Management and Economics of Software

Product Lines (MESPUL 07), in Nagoya, Japan, December 3, 2007

Collocated with 14th Asia-Pacific Software Engineering Conference (APSEC 07)

Workshop Organizers

Muhammad Ali Babar, Lero, University of Limerick, Ireland.

Makoto Nonaka, Toyo University / NII TopSE project, Japan.

Program Committee:

Stefan Biffl – TU Wien, Austria.

Rami Bashoon – Aston University, UK.

Paul Clements – Software Engineering Institute (SEI), USA.

Pual Gruenbacher – University of Linz, Austria.

Martin Jankela – DECOMSYS, Japan

Rick Kazman – Software Engineering Institute (SEI), USA.

Kyo Kong – POSTECH, South Korea.

Klaus Schmid – University of Hildesheim, Germany.

Steffen Thiel – Lero, University of Limerick, Ireland.

Important Dates for Paper Submissions

Submission Deadline: 24 Sept. 2007

Notification of Acceptance: 21 Oct. 2007

Camera-Ready Version: 2 Nov. 2007

Workshop: 3 Dec. 2007

Call for Submissions

Product line engineering has recently emerged as a viable and important software development paradigm. Many companies have been adopting product line approach in order to improve the efficiency of their development processes, to increase the quality of end product, and reduce time-to-market and cost. Researchers and practitioners have proposed several methods, techniques, and tools to support the technical aspects of software product line engineering. Research has also been reported on different mechanics of calculating ROI, understanding Cost-Benefits, and critical factors in adopting software product lines.

However, the body of knowledge on the management and economics aspects of software product lines is very thin. Adoptions and management of software product lines require significant initial investment that is expected to maximize the business value. In addition, managing a product line project is far complex and difficult because of the inter-related structure between core assets and products, multiple deadlines, resource allocation, etc. Software product line practitioners need new approaches, models, and tools for addressing various challenges related to the management and economics of software product lines to be able to maximize the business value of adopting product line approach. Moreover, there is need for gathering and using empirical evidence to support different approaches of software product lines.

The first international workshop on management and economics of software product lines aims to bring together researchers and practitioners from academia, industry and governments to report and discuss the challenges and opportunities of adopting and managing software product lines from managerial, organizational, and economics point of view. The workshop will provide a forum to present ideas about using existing management and organizational strategies and economic models to support software product lines and/or propose new approaches, techniques, and tools for business and technical manager to maximize the business value of software product line engineering. The workshop will cover the broad spectrum of research papers, experience reports, and position papers relevant to the economic, management, organizational aspects of software product line engineering. Topics of interest include, but are not limited to:

- Models for cost-benefit analysis
- Economic models applicable to software product lines
- Managerial strategies for successful product line engineering
- Product line adoption strategies
- Strategies for selecting and using COTS and OSS in software product lines
- Approaches to assess the legacy system for initiating software product lines
- Organizational strategies and factors to support software product lines

We seek research papers and experience reports not exceeding 6 pages or position statements consisting of 1 or 2 pages. Submissions will be selected based on originality, novelty, and relevance to the workshop topics, as well as on their suitability for triggering discussions. Submissions can be made via email to one of the organizers (M. Ali Babar: malibaba@lero.ie or Makoto Nonaka: nonaka-m@toyonet.toyo.ac.jp). The format of submitted papers should follow the guidelines provided at (http://www.computer.org/portal/pages/cscps/cps/cps_forms.html).

Accepted papers of the workshop will be published in the workshop proceedings with an International Standard Serial Number (ISSN) by the Information Processing Society of Japan. At least one of the authors of each accepted paper must register as a full participant of the workshop to have the paper published in the proceedings.

