



CALL FOR PAPERS 2007 SPACE Workshop

1ST INTERNATIONAL WORKSHOP ON
SOFTWARE PRODUCTIVITY ANALYSIS AND COST ESTIMATION
DECEMBER 4, 2007 NAGOYA, JAPAN



The First International Workshop on Software Productivity Analysis and Cost Estimation, will be a one-day workshop, held in conjunction with the IEEE Asia-Pacific Conference on Software Engineering (APSEC'07).

Software project managers require reliable methods for estimating software project costs, and assessing software development productivity. For over 25 years, there has been considerable research effort directed towards software cost estimation and software productivity analysis, various algorithmic approaches developed and their performance reported in the research literature. But nevertheless, cost estimation and productivity analysis remains a complex problem in the software industry.

The goal of the workshop on software productivity analysis and cost estimation, SPACE 2007, is to bring together practitioners and researchers for discussion and presentation on the emerging aspects pertaining to software cost estimation, productivity analysis, prediction models and techniques, and lessons learned. The workshop provides a forum to present new ideas and to explore future directions in these areas for software engineering and software project management.

Workshop Committee:

Chairs:

Jacky Keung, NICTA, Australia
Ross Jeffery, NICTA, Australia
Makoto Nanoka, Toyo Uni., Japan



Program Committee:

Barbara Kitchenham - Keele Uni., UK
Mahmood Niazi - Keele Uni., UK
Martin Shepperd - Brunel Uni., UK
Sarah Beecham - Hertfordshire Uni., UK
Ross Jeffery - NICTA, Australia
Jacky Keung - NICTA, Australia
Liam O'Brien - NICTA, Australia
Magne Jorgensen - SIMULA, Norway
Jurgen Munch - IESE, Germany
JingYue Li - NTNU, Norway
Stephen MacDonell - AUT, NZ
Emilia Mendes - Auckland Uni., NZ
Carol Dekkers - QualityPlusTech, USA
Qing Wang - ISCAS, China
Hajimu Iida - NAIST, Japan
Hironori Washizaki - NII, Japan
Makoto Nonaka - Toyo Uni., Japan
Naoki Ohsugi - NTT Data, Japan



Publication of Papers:

All accepted papers will appear in the workshop proceedings of APSEC 2007 conference. At least one of the authors of accepted papers must register and present for the workshop to have the paper published in the proceedings.

Important Dates:

- ★ Paper submission: Sep 30
- ★ Acceptance notification: Oct 19
- ★ Final camera-ready: Nov 2
- ★ Workshop: Nov 4

Topics of Interest

Suggested topic areas of interest include, but are not limited to:

- ★ Software Effort and Cost Estimation
- ★ Defect Rate and Reliability Assessment
- ★ Software Productivity Measurement / Analysis
- ★ Software Process Improvement
- ★ Software Quality Measurement and Assurance
- ★ Development of Predictive Models
- ★ Case-based / Analogy-based Reasoning Approaches
- ★ Expert-based Reasoning Approaches
- ★ Algorithmic Techniques
- ★ Qualitative and Quantitative Methods
- ★ Evaluation and Comparison of Techniques and Models
- ★ Simulation Techniques
- ★ Experience Management
- ★ Data Mining using Software Repository
- ★ Development of Tool to Support Software Metrics



Submission Instructions:

We seek quality research papers and experience reports not exceeding 6 pages or position statements consisting of 1 or 2 pages. Papers must be formatted as standard IEEE Computer Society format follow the guidelines provided at this URL:

http://www.computer.org/portal/pages/cscps/cps/cps_forms.html.

Only PDF or DOC files will be accepted for paper submission. All submissions will be reviewed and evaluated based on originality, technical quality, and relevance to the workshop themes. Please send your submission to Jacky.Keung@nicta.com.au (Subject: SPACE2007) by **September 30**.