Call for Papers

for the 1st IEEE International Workshop on

Communicating Business Process and Software Models

Quality, Understandability, and Maintainability (CPSM 2013)

on **September 23, 2013** in **Eindhoven, the Netherlands**
in conjunction with the 29th International Conference on Software Maintenance (ICSM)
Eindhoven, the Netherlands, 22-28 September 2013.

http://www.win.tue.nl/cpsm2013/

In recent years, the fact that models are a means for communication gained more attention in research on process modeling and software modeling. Both communities discuss issues related to models, modeling languages, and their use and perception, such as model understandability, complexity of modeling languages, actual usage of language features, cognitive aspects, human perception and subjective perspectives on models, and related issues.

These topics are extremely important for the adaption of modeling languages in practice, yet the attention from the research community is still limited. The CPSM 2013 workshop shall provide a forum for researchers and practitioners actively working on quality, usability and maintainability of software and process models. The workshop supports the exchange of ideas, challenges, and insights from two similar domains with the aim of raising awareness of the important "soft skills" of modeling languages. The workshop will give room to present research results, position papers, case studies and share experiences and ideas in panel discussions.

Relevant topics are

- Business process model quality metrics
- Business process maintainability
- Business process evolution
- Business process modeling styles
- Business process modeling patterns and anti-patterns
- Business process comprehension
- Relation between business process models and software / system models
- Software model maintainability
- Software model evolution and tracking
- Software model and implementation alignment
- Software model comprehension
- Roles and expertise different modeling activities
- Empirical studies on understandability of business processes and software models
- Empirical studies on quality of business process and software models
- Industrial cases on communication and understandability of process and software models

We invite full papers that describe consolidated research results or case studies, as well as short papers outlining researches still in progress or position papers. Submissions will be assessed based on their novelty, relevance, empirical evidence, scientific quality, readability, comparison with existing and related works, and the extent to which the paper allows to build bridges between the different domains of process modeling and software engineering. We specifically want to encourage early results.

Format of the Workshop and Proceedings

The workshop will comprise presentations of accepted papers and keynotes from experienced researchers and practitioners. Moreover, we will organize moderated discussions on hot topics that were raised in the different communities and emerged from the workshop submissions.

All accepted papers will be published as **IEEE Workshop Proceedings**. As this volume will appear after the conference, there will be informal proceedings during the workshop. At least one author for each accepted paper must register for the workshop and present the paper.

Paper Submission

Prospective authors are invited to submit papers for presentation in any of the areas listed above. Only papers in English will be accepted. Different paper types are distinguished. Length of full papers (completed research or case study) must not exceed 10 pages. Short papers (work in progress or positions paper) should be no longer than 4 pages. Papers should be submitted in the IEEE style in PDF format, templates are available at https://www.ieee.org/conferences_events/conferences/publishing/templates.html. Papers have to present original research contributions not concurrently submitted elsewhere. The title page must contain a short abstract, a classification of the topics covered, preferably using the list of topics above, and an indication of the submission category (full paper | case study | work in progress | position paper).

Papers should be submitted via EasyChair: https://www.easychair.org/conferences/?conf=cpsm2013

Important Dates

Submission: Friday, June 21st, 2013
Notification: Tuesday, July 16th, 2013
Camera-ready: Tuesday, July 30th, 2013
Workshop: September 23rd, 2013

Workshop Website

http://www.win.tue.nl/cpsm2013/

Organization

- Marco Brambilla, Politecnico di Milano, Italy
  (mbrambil@elet.polimi.it)
- Irene Vanderfeesten, Eindhoven University of Technology, the Netherlands
  (i.t.p.vanderfeesten@tue.nl)
- Dirk Fahland, Eindhoven University of Technology, the Netherlands
  (d.fahland@tue.nl)

Program Committee

- Marco Brambilla, Politecnico di Milano, Italy
- Ross Brown, Queensland Univeristy of Technology, Brisbane, Australia
- Jordi Cabot, INRIA and Ecole des Mines de Nantes, France
- Pete Dolog, Aalborg University, Denmark
- Suzanne Embury, University of Manchester, United Kingdom
- Dirk Fahland, Eindhoven University of Technology, the Netherlands
- Kathrin Figl, Vienna University of Economics, Austria
- Flavius Frasincar, Erasmus University of Rotterdam, the Netherlands
- Simone Kriglstein, Secure Business Austria, Vienna, Austria
- Ralf Laue, University Leipzig, Germany
- Jan Mendling, University of Vienna, Austria
- Geert Poels, Ghent University, Belgium
- Gianna Reggio, University of Genoa, Italy
- Manfred Reichert, Ulm University, Germany
- Hajo Reijers, Perceptive Software & Eindhoven University of Technology, the Netherlands
- Gustavo Rossi, UNLP, Buenos Aires, Argentina
- Davide Di Ruscio, Università dell'Aquila, Italy
- Bruce Silver, Silver Associates, USA
- Antonio Vallecillo, Universidad de Malaga, Spain
- Irene Vanderfeesten, Eindhoven University of Technology, the Netherlands
- Juan M. Vara, Universidad Rey Juan Carlos, Madrid, Spain
- Barbara Weber, University of Innsbruck, Austria
- Matthias Weidlich, Technion, Haifa, Israel
- Manuel Wimmer, Technical University of Vienna. Austria
- Marco Winckler, Paul Sabatier University, Toulouse, France