Introduction to the 9th International Workshop on Engineering Service-Oriented Applications (WESOA'13)

George Feuerlicht[1,2], Winfried Lamersdorf[3],
Guadalupe Ortiz[4], and Christian Zirpins[5]

[1] Prague University of Economics
jirif@vse.cz
[2] University of Technology, Sydney
george.feuerlicht@uts.edu.au
[3] University of Hamburg
lamersdorf@informatik.unihamburg.de
[4] University of Cádiz
guadalupe.ortiz@uca.es
[5] SEEBURGER AG
c.zirpins@seeburger.de

The Workshop on Engineering Service Oriented Applications (WESOA'13) focuses on core service software engineering issues keeping pace with new developments such as methods for engineering of cloud services. Over the past nine years the WESOA workshop has been able to attract high-quality contributions across a range of service engineering topics with recent proceedings published by Springer in the LNCS series. The ninth Workshop on Engineering Service Oriented Applications (WESOA'13) was held in Berlin, Germany on 2 December 2013. We have received twenty-four submissions and following review of each paper by at least three reviewers we accepted ten papers for presentation at the workshop and publication in the ICSOC'2013 Workshop Proceedings. The workshop included an excellent keynote presentation by Tom Baeyens, the CEO of Effektif.com titled "A decade of open API's", followed by ten papers organized into three sessions. The first session focused on Business Processes and I.T. Services Management and included papers titled: *From Process Models to Business Process Architectures: Connecting the Layers* by Rami-Habib Eid-Sabbagh and Mathias Weske, *Integrating Service Release Management with Service Solutioning Processes* by Heiko Ludwig, Juan Cappi, Valeria Becker, Bairbre Stewart and Susan Meade, and *Practical Compiler-based User Support during the Development of Business Processes* by Thomas M. Prinz and Wolfram Amme. The second session focused on Automating Process Discovery and Composition and included papers titled: *Towards Automating the Detection of Event Sources* by Nico Herzberg, Oleh Khovalko, Anne Baumgrass, and Mathias Weske, *Discovering Pattern-Based Mediator Services from Communication Logs* by Christian Gierds and Dirk Fahland, and *Goal-driven Composition of Business Process Models* by Benjamin Nagel, Christian Gerth, and Gregor Engels. The final session included papers on Modelling Service-Oriented and Adaptive Systems: *Model Checking GSM-Based Multi-Agent Systems* by Pavel Gonzalez, Andreas Griesmayer, and Alessio Lomuscio, *Towards Modelling and Execution of Collective Adaptive*

Systems by Vasilios Andrikopoulos, Antonio Bucchiarone, Santiago Gomez Saez, Dimka Karastoyanova, and Claudio Antares Mezzina, *A Requirements-based Model for Effort Estimation in Service-oriented Systems* by Bertrand Verlaine, Ivan J. Jureta, and Stephane Faulkner, and *Augmenting Complex Problem Solving with Hybrid Compute Units* by Hong-Linh Truong, Hoa Khanh Dam, Aditya Ghose and Schahram Dustdar. The workshop provided an effective platform for exchange of ideas and extensive discussion of topics covered by paper presentations.

Workshop Organizers

George Feuerlicht, University of Technology, Sydney, Australia, Prague
    University of Economics, Czech Republic
Winfried Lamersdorf, University of Hamburg, Germany
Guadalupe Ortiz, University of Cádiz, Spain
Christian Zirpins, SEEBURGER AG, Germany

Program Committee

Marco Aiello, University of Groningen, The Netherlands
Vasilios Andrikopoulos, University of Stuttgart, Germany
Muneera Bano, University of Technology, Sydney, Australia
Alena Buchalcevova, Prague University of Economics, Czech Republic
Anis Charfi, SAP Research CEC Darmstadt, Germany
Javier Cubo, University of Malaga, Spain
Daniel Florian, University of Trento, Italy
Valeria de Castro, Universidad Rey Juan Carlos, Spain
Laura Gonzalez, Universidad de la República, Uruguay
Paul Greenfield, CSIRO, Australia
Dimka Karastoyanova, University of Stuttgart, Germany
Agnes Koschmieder, Karlsruhe Institute of Technology, Germany
Mark Little, Red Hat, United States
Leszek Maciaszek, Wroclaw University of Economics, Poland
Michael Maximilien, IBM Almaden Research, United States
Massimo Mecella, Univ. Roma LA SAPIENZA, Italy
Daniel Moldt, University of Hamburg, Germany
Rebecca Parsons, ThoughtWorks, United States
Achille Peternier, Università della Svizzera Italiana, Switzerland
Pierluigi Plebani, Politecnico di Milano, Italy
Franco Raimondi, Middlesex University, United Kingdom
Wolfgang Reisig, Humboldt-University Berlin, Germany
Norbert Ritter, University of Hamburg, Germany
Nelly Schuster, FZI Forschungszentrum Informatik, Germany
Yi Wei, University of Notre Dame, United States of America
Olaf Zimmermann, ABB, Switzerland
Didar Zowghi, University of Technology, Sydney, Australia

The organizers of the WESOA'13 workshop would like to thank all authors for their contributions to this workshop, and members of the program committee whose expert input made this workshop possible. Finally, we thank ICSOC'13 workshop chairs Alessio Lomuscio and Surya Nepal for their direction and guidance.