

2015 IEEE/ACM 7th International Workshop on Principles of Engineering Service-Oriented and Cloud Systems

(PESOS 2015)

**Florence, Italy
23 May 2015**



**IEEE Catalog Number: CFP1527G-POD
ISBN: 978-1-4673-7059-2**

7th International Workshop on Principles of Engineering Service-Oriented and Cloud Systems (PESOS 2015)

Table of Contents

Message from the Chairs	vi
Committees and Reviewers	viii
Sponsors and Supporters	x

Invited Talk

Cloud and Multi-cloud Computing: Current Challenges and Future Applications.....	1
<i>Danilo Ardagna — Politecnico di Milano, Italy</i>	

Adaptable Software Architecture for the Clouds

An Architecture for Self-Reconfiguration of Convergent Telecom Processes.....	3
<i>Armando Ordóñez, Jesus David Ramirez, Paolo Falcarin, Oscar Mauricio Caicedo, Lisandro Zambenedetti Granville — University of Cauca, Colombia; University of East London, UK; Universidad Rio Grande do Sul, Brazil</i>	
Continuous Evolution of Multi-tenant SaaS Applications: A Customizable Dynamic Adaptation Approach.....	10
<i>Fatih Gey, Dimitri Van Landuyt, Wouter Joosen, Viviane Jonckers — KU Leuven, Belgium; Vrije Universiteit Brussel, Belgium</i>	

Advanced Software Engineering Issues in the Cloud

Architectural Runtime Models for Privacy Checks of Cloud Applications.....	17
<i>Eric Schmieders, Andreas Metzger, Klaus Pohl — University of Duisburg-Essen, Germany</i>	
Enabling Collaborative Development in an Open Stack Testbed: The Cloud Wave Use Case	24
<i>Dario Bruneo, Francesco Longo, Giovanni Merlino, Nicola Peditto, Carmelo Romeo, Fabio Verboso, Antonio Puliafito — University of Messina, Italy; University of Catania, Italy</i>	
A Pattern-Based Formalization of Cloud-Based Elastic Systems.....	31
<i>Schahram Dustdar, Alessio Gambi, Willibald Krenn, Dejan Nickovic — Vienna University of Technology, Austria; Austrian Institute of Technology, Austria</i>	

Author Index	38
---------------------------	-----------