

# **2012 IEEE Seventh International Conference on Global Software Engineering Workshops**

**(ICGSEW 2012)**

**Porto Alegre, Rio Grande do Sul, Brazil  
27 – 30 August 2012**



**IEEE Catalog Number: CFP1228R-PRT  
ISBN: 978-1-4673-2625-4**

# 2012 IEEE Seventh International Conference on Global Software Engineering Workshops ICGSEW 2012

## Table of Contents

Message from the General Chair.....	viii
Message from the Workshops Chairs.....	ix
Organizing Committees.....	x

---

### **Methods and Tools for Project/Architecture/Risk Management in Globally Distributed Software Development Projects (PARIS 2012)**

A Risk Framework for New Country Compliance for Global Software Companies .....	1
<i>Puspamitra Mishra, Nabarun Roy, Balamukund S., Rajni M.S., Shilpi Jain, and Jude Fernandez</i>	

### **Sixth International Workshop on Tool Support Development and Management in Distributed Software Projects (REMIDI 2012)**

A Cost-Efficiency Model for Tool Chains .....	6
<i>Matthias Biehl and Martin Törngren</i>	
A Decision Support System for Global Team Management: Expert Evaluation .....	12
<i>Sarah Beecham, Noel Carroll, and John Noll</i>	
An Extensible Service for Experts Recommendation on Distributed Software Development Projects .....	18
<i>José Teodoro da Silva, Marco Aurélio Gerosa, Igor Wiese, Reginaldo Ré, and Igor Steinmacher</i>	
DPMTool: A Tool for Decisions Management in Distributed Software Projects .....	22
<i>Pedro José Garrido, Aurora Vizcaíno, Juan Andrada, Miguel J. Monasor, and Mario Piattini</i>	

## **Global Software Engineering for Agile Teams (GlobAgile 2012)**

Configuration Management: Mother's Little Helper for Global Agile Projects? .....	28
<i>Lars Bendix and Christian Pendleton</i>	
Development of a Set of Best Practices for Distributed Pair Programming .....	33
<i>Bernardo José da Silva Estácio</i>	
Improving Project Communication with Virtual Team Boards .....	35
<i>Olga Liskin and Kurt Schneider</i>	

## **VI Workshop on Distributed Software Development (WDDS 2012)**

Elicitation of Communication Inherent Risks in Distributed Software Development .....	37
<i>Ivaldir H. de Farias Junior, Ryan R. de Azevedo, Hermano P. de Moura, and Dennis S. Martins da Silva</i>	
Knowledge and Contextual Information Management in Global Software Development: Challenges and Perspectives .....	43
<i>Elisa Hatsue Moriya Huzita, Gislaine Camila Lapasini Leal, Renato Balancieri, Tânia Fátima Calvi Tait, Edwin Cardoza, Raquelina Ritter de Moura Penteado, and Rafael Leonardo Vivian</i>	
Motivational Factors for Distributed Software Development Teams .....	49
<i>Ivaldir H. de Farias Junior, Luan Duarte, João Paulo N. de Oliveira, Ariádnes R.N. Dantas, Jefferson F. Barbosa, and Hermano P. de Moura</i>	
Ontologies Supporting the Distributed Software Development: A Systematic Literature Review .....	55
<i>Alex Nery B. Junior, Ryan R. de Azevedo, Fabio Q.B. da Silva, Rodrigo G.C. Rocha, and Catarina Costa</i>	
ReuseECOS: An Approach to Support Global Software Development through Software Ecosystems .....	60
<i>Rodrigo Pereira dos Santos and Cláudia Maria Lima Werner</i>	
Simulated Co-location in Distributed Software Development: An Experience Report .....	66
<i>Roni A. Dall Orsoletta</i>	

## **Doctoral Symposium**

A Method for the Identification of Logical Dependencies .....	70
<i>Gustavo Ansaldi Oliva and Marco Aurélio Gerosa</i>	

DsdK: An Ontology-Based System to Explore Distributed Software Development Experiments .....	73
<i>Rodrigo G.C. Rocha and Silvio Meira</i>	
Follow-the-Sun Strategy: A Process for Global Software Development .....	76
<i>Josiane Kroll and Jorge Luis Nicolas Audy</i>	
<b>Author Index</b> .....	<b>79</b>