

2016 IEEE 11th International Conference on Global Software Engineering Workshops (ICGSEW 2016)

**Irvine, California, USA
2 August 2016**



**IEEE Catalog Number: CFP1628R-POD
ISBN: 978-1-5090-3626-4**

**Copyright © 2016 by the Institute of Electrical and Electronics Engineers, Inc
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

******This publication is a representation of what appears in the IEEE Digital Libraries. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP1628R-POD
ISBN (Print-On-Demand):	978-1-5090-3626-4
ISBN (Online):	978-1-5090-3625-7
ISSN:	2329-6305

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

2016 IEEE 11th International Conference on Global Software Engineering Workshops

ICGSEW 2016

Table of Contents

Message from the General and Program Chairs.....	vii
Message from the Workshop Co-chairs.....	ix
Message from the Doctoral Symposium Co-chairs.....	x
Organizing Committee.....	xii
Program Committee.....	xiii
Steering Committee.....	xiv
Keynotes.....	xv
Sponsors and Supporters.....	xvii

PARIS Workshop

Hybrid-Computing Elements: A Multi-sourcing Model for Managing Crowdsourcing Software	1
<i>Tarek Ali, Mervat Gheith, Eman S. Nasr, and Perihan Elbaz</i>	
Managing Customer Involvement in Globally Distributed Agile Projects	7
<i>Reem Bin-Hezam and Sultan Alyahya</i>	
Agile Practices for the Global Teaming Model	13
<i>John Noll, Abdur Razzak, Ita Richardson, and Sarah Beecham</i>	

GSE-Ed Workshop

GSDgame: A Serious Game for the Acquisition of the Competencies Needed in GSD	19
<i>David Valencia, Aurora Vizcaíno, Lilia Garcia-Mundo, Mario Piattini, and Juan Pablo Soto</i>	
Distributed Software Development with One Hand Tied Behind the Back: A Course Unit to Experience the Role of Communication in GSD	25
<i>Marco Kuhrmann and Jürgen Münch</i>	

Measures for Predicting Task Cohesion in a Global Collaborative Learning Environment	31
<i>Alberto Castro-Hernández, Kathleen Swigger, Mirna P. Ponce-Flores, and J. David Terán-Villanueva</i>	
Challenges and Lessons Learned on Preparing Graduate Students for GSE Work: Brazilians' Perceptions on a Multi-site Course Experience	37
<i>Josiane Kroll, Caroline Q. Santos, Leticia S. Machado, Sabrina Marczak, and Rafael Prikladnicki</i>	
Using Data Analytics for Collaboration Patterns in Distributed Software Team Simulations: The Role of Dashboards in Visualizing Global Software Development Patterns	43
<i>Georgios A. Dafoulas, Fatma C. Serce, Kathleen Swigger, Robert Brazile, Ferda N. Alpaslan, Victor Lopez, and Allen Milewski</i>	
Establishing Trust and Relationships through Video Conferencing in Virtual Collaborations: An Experience Report on a Global Software Engineering Course	49
<i>Waqar Hussain and Kelly Blincoe</i>	
Teaching Global Software Development through Game Design	55
<i>John Noll and Andrew Butterfield</i>	
 Doctoral Symposium	
An Empirical Study on Lean and Agile Methods in Global Software Development	61
<i>Mohammad Abdur Razzak</i>	
Content and Temporal Analysis of Communications to Predict Task Cohesion in Software Development Global Teams	65
<i>Alberto Castro-Hernández</i>	
Condensing Architectural Knowledge from Unstructured Textual Media in Agile GSD Teams	69
<i>Gilberto Borrego</i>	
Do Open Projects “Break the Mirror”? Re-conceptualization of Organizational Configurations in Free/Libre Open Source Software (FLOSS) Development	73
<i>Eunyoung Moon</i>	
Reflections on Requirements Change Management in Global Software Development: A Multiple Case Study	77
<i>Waqar Hussain</i>	
 Author Index	80