

2015 IEEE 10th International Conference on Global Software Engineering Workshops (ICGSEW 2015)

**Ciudad Real, Spain
13 July 2015**



**IEEE Catalog Number: CFP1528R-POD
ISBN: 978-1-4799-9875-3**

2015 IEEE 10th International Conference on Global Software Engineering Workshops

ICGSEW 2015

Table of Contents

Message from the General Chair	vii
Message from the Program Chairs.....	viii
Message from the Tutorial Co-Chairs.....	ix
Organizing Committee.....	xi
Program Committee.....	xii
Steering Committee.....	xiii
Tutorial: Distributed Engineering Teams—Lessons from Industry.....	xiv

PARIS Workshop

Onshore to Near-Shore Outsourcing Transitions: Unpacking Tensions	1
<i>Bilal Raza, Tony Clear, and Stephen G. MacDonell</i>	
Practices to Make Agile Test Teams Effective: Challenges and Solutions	7
<i>Tulasi Anand and V.S. Mani</i>	
Value Measurement on Performance in Global Software Development: An Industry Study on How R&D can Influence “Value for Money”	12
<i>Uma Viswanath and Stefanie Betz</i>	

GINSENG Workshop

Long-Term Power Demand Recording of Running Mobile Applications	18
<i>Julia Kindelsberger, Felix Willnecker, and Helmut Krcmar</i>	
Towards an Ethical Foundation of Green Software Engineering	23
<i>Harald Münzel</i>	
Evaluating the Performance and Energy Consumption of Distributed Data Management Systems	27
<i>Raik Niemann</i>	
A First Approach on Legacy System Energy Consumption Measurement	35
<i>Víctor Cordero, Ignacio García-Rodríguez de Guzmán, and Mario Piattini</i>	

Doctoral Symposium

Bottleneck Identification in Software Development Processes: A Proposal Based on the Principles of the Theory of Constraints	44
<i>Sildenir Alves Ribeiro, Eber Assis Schmitz, and Antônio Juarez S.M. de Alencar</i>	
Analysis of Dilemmas during Switching of Vendors in a Near Shore Outsourcing Context	47
<i>Bilal Raza</i>	
Analogy-Based Software Development Effort Estimation in Global Software Development	51
<i>Manal El Bajta</i>	
Author Index	55