

Preface

This book contains a selection of papers accepted for presentation and discussion at The 2015 International Conference on Software Process Improvement (CIMPS'15). This Conference had the support of the CIMAT A.C. (Mathematics Research Center/Centro de Investigación en Matemáticas), FIMAZ (Faculty of Informatic/Facultad de Informática Mazatlán, México), AISTI (Iberian Association for Information Systems and Technologies/Associação Ibérica de Sistemas e Tecnologias de Informação), ROOKBIZ Solutions, México, ReCIBE (Revista electrónica de Computación, Informática, Biomédica y Electrónica) and ROPRIN (Optimization Network of Industrial Processes/Red de Optimización de Procesos Industriales). It took place at Faculty of Informatic Mazatlán of the Autonomous University of Sinaloa, México, from 28 to 30 October 2015.

The International Conference on Software Process Improvement (CIMPS) is a global forum for researchers and practitioners that present and discuss the most recent innovations, trends, results, experiences, and concerns in the several perspectives of Software Engineering with a clear relationship but not limited to software processes, Security in Information and Communication Technology, and Big Data Field. One of its main aims is to strengthen the drive toward a holistic symbiosis among academy, society, industry, government, and the business community promoting the creation of networks by disseminating the results of recent research in order to align their needs. CIMPS'15 built on the successes of CIMPS'12, CIMPS'13, and CIMPS'14, which took place in Zacatecas, Zac, México.

The Program Committee of CIMPS'15 was composed of a multidisciplinary group of experts and those who are intimately concerned with Software Engineering and Information Systems and Technologies. They have had the responsibility for evaluating, in a 'blind review' process, the papers received for each of the main themes proposed for the Conference: Organizational Models, Standards and Methodologies, Knowledge Management, Software Systems, Applications and Tools, Information and Communication Technologies and Processes in non-software domains (Mining, automotive, aerospace, business,

health care, manufacturing, etc.) with a demonstrated relationship to software process challenges.

CIMPS'15 received contributions from several countries around the world. The papers accepted for presentation and discussion at the Conference are published by Springer (this book) and by another e-book. Extended versions of the best selected papers will be published in relevant journals, including SCI/SSCI and Scopus indexed journals.

We acknowledge all those who contributed to the staging of CIMPS'15 (authors, committees, and sponsors); their involvement and support is very much appreciated.

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Jezreel Mejia
Mirna Muñoz
Álvaro Rocha
Jose Calvo-Manzano



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