Message from the Chairs

Welcome to the 4th International Workshop on Requirements Patterns (RePa 2014) at RE'14!

Building on the success of the previous three RePa Workshops (RePa 2011, RePa 2012 and RePa 2013), the overall aim of RePa 2014 is to promote and support the development and sharing of patterns, tools, methods, and repositories to facilitate pattern-based reuse at the requirements level. To this end, RePa 2014 has the following objectives:

- 1. To solicit patterns that capture knowledge and best practices of RE processes and products;
- 2. To enable the development of tools and processes to support pattern-based reuse;
- 3. To share case studies and examples, which promote and validate requirements patterns.

In line with these objectives, the anticipated outcome of the workshop is to start a collaborative effort on a shared requirements patterns repository and a handbook of requirements patterns.

We received 10 submissions, a mixture of long and short papers, each of which was assigned to three PC members for review. Based on the review comments, two borderline papers received further review by members of the organizing committee and one of them went through a shepherding process. At the end, we have accepted 8 papers, comprising 6 long and 2 short papers.

RePa 2014 would not have been possible without the help and support of many people. We thank our PC members for their timely and expert review of the papers. Many of the PC members have been supporting us since the first RePa workshop; to them we would like to express our gratitude. We thank the RE'14 Workshop Chairs, Travis Breaux and Eric Knauss, for their advice and support; the conference publishing team, for helping us produce the proceedings. Last but not the least, we thank our authors for their contributions to the workshop.

We hope you will find RePa 2014 both an enjoyable and informative event and look forward to seeing you in Karlskrona, Sweden, on 26 August.

Liping Zhao, Julio Cesar Leite, Sam Supakkul, Ye Wang, Lawrence Chung

RePa 2014 Co-chairs

RePa 2014 Organization

Organizing Committee

Program Co-Chairs

Liping Zhao University of Manchester, UK

Julio Cesar Leite Pontíficia Universidade Católica do Rio De Janeiro, Brazil

Sam Supakkul University of Texas, USA Lawrence Chung University of Texas, USA

Associate Chair

Ye Wang Zhejiang Gongshang University, China

Program Committee

Paris Argeriou University of Groningen, The Netherlands Rosana T. Vaccare Braga ICMC-Universidade de São Paulo, Brazil

Travis Breaux Carnegie Mellon University, USA

Luiz Marcio Cysneiros York University, Canada

Lars Hagge Deutsches Elektronen-Synchrotron, Germany

Robert Hanmer Alcatel-Lucent, USA Frank Houdek Daimler, Germany

Lin Liu Tsinghua University, China Peri Loucopoulos Loughborough University, UK

Barbara Paech Universität Heidelberg

Colette Rolland Université Paris 1 Panthéon Sorbonne, France

Jie Sun Zhejiang University

Michael Weiss Carleton University, Canada Eric Yu University of Toronto, Canada

Additional Reviewers (if applicable)

Paul Hübner

Tom-Michael Hesse