

Preface

This volume contains the papers presented at PKAW2016: The 14th International Workshop on Knowledge Management and Acquisition for Intelligent Systems, held during August 22–23, 2016 in Phuket, Thailand, in conjunction with the 14th Pacific Rim International Conference on Artificial Intelligence (PRICAI 2016).

In recent years, unprecedented data, called big data, have become available and knowledge acquisition and learning from big data are increasing in importance. Various types of knowledge can be acquired not only from human experts but also from diverse data. Simultaneous acquisition from both data and human experts increases its importance. Multidisciplinary research including knowledge engineering, machine learning, natural language processing, human–computer interaction, and artificial intelligence is required. We invited authors to submit papers on all aspects of these area. Another important and related area is applications. Not only in the engineering field but also in the social science field (e.g., economics, social networks, and sociology), recent progress in knowledge acquisition and data engineering techniques is leading to interesting applications.

We invited submissions that present applications tested and deployed in real-life settings. These papers should address lessons learned from application development and deployment. As a result, a total of 61 papers were considered. Each paper was reviewed by at least two reviewers, of which 28 % were accepted as regular papers and 8 % as short papers. The papers were revised according to the reviewers' comments. Thus, this volume includes 16 regular papers and five short papers. We hope that these selected papers and the discussion during the workshop lead to new contributions in this research area.

The workshop co-chairs would like to thank all those who contributed to PKAW 2016, including the PKAW Program Committee and other reviewers for their support and timely review of papers and the PRICAI Organizing Committee for handling all of the administrative and local matters. Thanks to EasyChair for streamlining the whole process of producing this volume. Particular thanks to those who submitted papers, presented, and attended the workshop. We hope to see you again in 2018.

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