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Message from the ICWL 2013

Conference Co-chairs

On behalf of the Organizing Committee, it is our pleasure to welcome you to the 12th International Conference on Web-based Learning (ICWL 2013), held in Kenting National Park, Taiwan, during October 6–9, 2013. Beginning with the first event in Hong Kong in 2002, ICWL has become a truly international conference and has been held in Australia (2003), China (2004), Hong Kong (2005), Malaysia (2006), UK (2007), China (2008), Germany (2009), China (2010), Hong Kong (2011), and Romania (2012). We are pleased that this international character is also reflected in ICWL 2013, where the accepted papers come from 26 countries on 4 continents. ICWL 2013 has been jointly organized by the Hong Kong Web Society, Tajen University (Taiwan) and the City University of Hong Kong. We are grateful to many local supporting organizations, especially to the National Center for High-performance Computing, Chunghwa Telecom, Hong Kuan Technology Co., Ltd, and Taiwan Association for Web Intelligence Consortium.

The conference venue is nearby Kenting National Park, renowned for its rich landscape of hills and water, abundant wildlife, and natural resources for everyone’s enjoyment. We hope that the participants benefit from its pleasant scenery.

We are proud of our renowned keynote speakers, Dr. Nick Rushby and Prof. Yao-Ting Sung, and invited speakers, Prof. Ralf Klamma and Prof. Chia-Ju Liu. We also appreciate the hard work of those who organized workshops to probe new ideas for the future.

We sincerely thank all of our chairs and committee members. Without their great effort, the success of ICWL 2013 would not have been possible. Our appreciation must go to all the authors for their valuable contributions and the other participants of this conference. The conference would not have been possible without their participation. Finally, we wish all participants an enjoyable stay during the conference period.

August 2013

Jhing-Fa Wang
Rynson Lau
Message from the ICWL 2013
Program Committee Co-chairs

Welcome to the 12th International Conference on Web-based Learning (ICWL 2013), held in Kenting National Park, Taiwan, during October 6–9, 2013. ICWL 2013 is a comprehensive conference focused on the various aspects of web-based learning and its applications. It provides an opportunity for academic and industry professionals to discuss the latest issues in the area. These proceedings contain high-quality papers which are closely related to the various theories and practical applications of web-based learning. We appreciate the hard work of the workshop organizers in organizing six thematic workshops. We expect that the conference and workshops will become a trigger for further related research and technology improvements in this promising area.

This year, we received 117 paper submissions and, after a rigorous peer review process, we accepted 34 high-quality articles, which appear in these proceedings, published by Springer. All submitted papers underwent blind reviews by at least two reviewers appointed by the Technical Program Committee, which consists of leading researchers from around the world. Without their effort, compiling such high-quality proceedings would not have been possible. We are grateful for their great support and cooperation. We also feel privileged to have had the opportunity to invite two distinguished scholars, Dr. Nick Rushby (CEO at Conation Technologies and Editor of the British Journal of Educational Technology, UK) and Prof. Yao-Ting Sung (chair professor at the National Taiwan Normal University, Taiwan) to give the keynote speeches, as well as the invited speakers, Prof. Ralf Klamma and Prof. Chia-Ju Liu. Finally, we would like to thank all of you for your participation in the conference, and also thank all the authors, reviewers, and Organizing Committee members. Thank you and enjoy the conference!

August 2013

Yueh-Min Huang
Frederick Li
Qun Jin
We would like to first thank the authors who have contributed their manuscripts to the workshops of the 2013 International Conference on Web-based Learning (ICWL 2013) in Kenting, Taiwan. ICWL 2013 provides a forum for researchers, educators, and industrial professionals to share research contributions and to discuss novel trends in web-based learning areas. It is our pleasure to collaborate with the Organizing Committee of ICWL 2013 and to coordinate the workshops. The themes of the workshops include ubiquitous social learning, smart living and learning, knowledge management and e-learning, cloud computing for web-based learning, web intelligence and learning, and e-book and education cloud. We would like to express our appreciation to all reviewers for their time and valuable comments. We would also like to express our appreciation to all Program Committee members for their great promotion of the workshops. Finally, we would like to express our sincere appreciation to the Organizing Committee members for their hard work in coordinating and serving this wonderful event. We truly hope that all of you will enjoy the conference program and activities in Kenting.

August 2013

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