

# Preface

The rapid development and popularization of information technology significantly increase the speed of the generation of human knowledge, which has brought fundamental impacts on the modes of education and the methods of instruction. The traditional ways of learning are facing a revolution to adapt to the requirements of the information age. In order to facilitate easy, engaging and effective learning for the learners, current digital learning environment is gradually evolving into the smart learning environment.

The International Conference on Smart Learning Environments (ICSLE) is a conference organized by International Association on Smart Learning Environments. It aims to provide an archival forum for researchers, academics, practitioners, and industry professionals interested and/or engaged in the reform of the ways of teaching and learning through advancing current learning environments towards smart learning environments. It will facilitate opportunities for discussions and constructive dialogue among various stakeholders on the limitations of existing learning environments, need for reform, innovative uses of emerging pedagogical approaches and technologies, and sharing and promotion of best practices, leading to the evolution, design and implementation of smart learning environments.

The focus of the contributions in this book will be on the interplay of pedagogy, technology and their fusion towards the advancement of smart learning environments. Various components of this interplay include but are not limited to:

- Pedagogy: learning paradigms, assessment paradigms, social factors, policy
- Technology: emerging technologies, innovative uses of mature technologies, adoption, usability, standards, and emerging/new technological paradigms (open educational resources, cloud computing, etc.)
- Fusion of pedagogy and technology: transformation of curriculum, transformation of teaching behavior, transformation of administration, best practices of infusion, piloting of new ideas.

ICSLE2014 received 81 papers from 13 countries and regions. All submissions were peer-reviewed in a double-blind review process by an international panel of a minimum of two and maximum of five referees and decisions were taken based on assessing research quality. We are very pleased to note that the quality of the submissions this year turned out to be very high. A total of 36 papers were accepted as full papers in the ICSLE conference; that is a 44 % acceptance rate. Furthermore, 16 papers were selected for presentation as short papers and another three as posters.

We acknowledge the invaluable assistance of the program committee members, who are named on another page. Most reviewers opted to provide detailed comments to the authors, making it a valuable experience for the authors, even if their submission was not selected for the conference.

With all the effort that has gone into the process, by authors and reviewers, we are confident that this year's ICSLE proceedings will immediately earn a place as an indispensable overview of the state of the art and will have significant archival value in the longer term.

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Guang Chen  
Vive Kumar  
Kinshuk  
Ronghuai Huang  
Siu Cheung Kong

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