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Innovative Technologies and Learning

First International Conference, ICITL 2018
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Proceedings

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Preface

The International Conference of Innovative Technologies and Learning provides a platform for those working on educational technology to get together and exchange experiences. Benefiting from the use of a variety of emerging innovative technologies, the e-learning environment has become highly diversified along the way. Diversified innovative technologies have fueled the creation of advanced learning environments by adopting appropriate pedagogies. Moreover, these technologies not only facilitate learning but also actively help students reach maximized learning performances. However, owing to the rapid evolution of these new technologies, how to make use of them by complying with effective pedagogies to create adaptive or smart learning environments has always been a challenge. Therefore, this conference intends to provide a platform for those researchers in education, computer science, and educational technology to get together and share their experiences in effectively applying cutting-edge technologies to learning as well as initiating future projects. It is hoped that the findings of each work presented at the conference will enlighten researchers or education practitioners to create more effective learning environments. ICITL is always open to the public for sharing their works.

This year's conference, ICITL 2018, was held in Portoroz, a Slovenian Adriatic seaside resort located in the Municipality of Piran of southwestern Slovenia, one of Slovenia's major tourist areas. This year we received 160 submissions from 17 countries worldwide. After a rigorous double-blind review process, 66 papers were selected as full papers and four papers were selected as short papers, yielding an acceptance rate of 44%. These contributions cover the latest findings in the areas, including: (1) application and design of innovative learning software, (2) augmented and virtual reality in education, (3) collaborative learning, (4) design and framework of learning systems, (5) educational data analytics techniques and adaptive learning applications, (6) instructional strategies, (7) learning analytics and education data mining, (8) mind, brain, and education, (9) pedagogies to innovative technologies, (10) personalized and adaptive learning, (11) social media and online learning, (12) technology-enhanced language learning, and (13) innovative thinking education, and future trend developments. Moreover, ICITL 2018 featured two keynote presentations by renowned scholars: Prof. Chin-Chung Tsai, Prof. Cathleen Norris, and Prof. Elliot Soloway. They offered insight into the interplay between students' concepts of learning and curricula in an open world.

We would like to thank the Organizing Committee for their effort and time spent to ensure the success of the conference. We would also like to express our gratitude to the Program Committee members for their timely and helpful reviews. And last but not least, we would like to thank all the authors for their contribution in maintaining a

high-quality conference – we count on your continued support in playing a significant role in the innovative technologies and learning community in the future.

August 2018

Yueh-Min Huang
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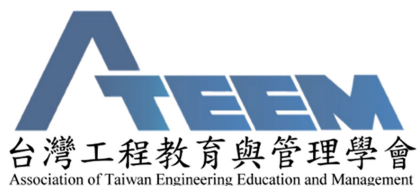
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