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Innovative Technologies and Learning

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Preface

The International Conference of Innovative Technologies and Learning (ICITL 2020), is a platform provided for those who are working on educational technology to get together and exchange experience. Benefiting from using 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, those technologies not only facilitate learning but also actively help students reach maximized learning performances. However, due to the rapid evolution of new technologies, how to make use of those technologies by complying with effective pedagogies to create adaptive or smart learning environments has always been in demand. Therefore, this conference intends to provide a platform for researchers in education, computer science, and educational technology to share experiences of effectively applying cutting-edge technologies to learning and to further spark brightening prospects. It is hoped that the findings of each work presented at the conference can enlighten relevant researchers and education practitioners to create more effective learning environments. ICITL is always ready to the public to share their works.

Due to the unfolding COVID-19 outbreak and travel restrictions, this year's conference was held virtually and interactively. Therefore, all accepted papers in each session were presented interactively in a virtual meeting room. This year, we received 127 submissions from 24 countries worldwide. After a rigorous double-blind review process, 65 papers were selected as full papers and 2 paper were selected as short papers, yielding an acceptance rate of 53%. These contributions cover the latest findings in the areas, including: 1) Application and Design of Innovative Learning Software; 2) Science, Technology, Engineering, Arts & Design, and Mathematics; 3) Augmented and Virtual Reality in Education; 4) Augmented and Virtual Reality in Education; 5) Educational Data Mining and Learning Analytics; 6) Emerging Issues and Trends in Education; 7) Innovative Learning in Education; 8) Online Course and Web-Based Environment; and 9) Technology-enhanced Learning. Moreover, ICITL 2020 featured two keynote presentations by renowned expert and scholars: Prof. Yi-Shun Wang and Prof. Carlos Fiolhais. They brought insight into Educational Technology Systems Success Models as well as Prophecies and Fulfilments in Computer-aided Education.

We would like to thank the Organizing Committee for their efforts 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.

November 2020

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