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Shuai Liu · Guanglu Sun · Weina Fu (Eds.)

e-Learning, e-Education, and Online Training

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Proceedings, Part I

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Editors
Shuai Liu
Human Normal University
Changsha, China

Guanglu Sun
Harbin University
Harbin, China

Weina Fu
Hunan Normal University
Changsha, China

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Preface

We are delighted to introduce the proceedings of the 6th edition of the 2020 European Alliance for Innovation (EAI) International Conference on e-Learning e-Education and Online Training (EAI eLEOT 2020). This conference has brought together researchers, developers, and practitioners from around the world who are leveraging and developing information technology for educational modernization, such as artificial intelligence and big data. The theme of eLEOT 2020 was "Education with New Generation Information Technology."

The technical program of eLEOT 2020 consisted of 62 full papers, including 2 invited papers in oral presentation sessions at the main conference tracks. The conference tracks were: Track 1 – Education based Information Technology; and Track 2 – New Generation Information Technology in Education. Aside from the high-quality technical paper presentations, the technical program also featured two keynote speeches. The two keynote speakers were Prof. Yu-dong Zhang from the School of Informatics, University of Leicester, UK, who was the fellow of IET (FIET), the senior member of IEEE and ACM, and the 2019 recipient of "Highly Cited Researcher" by Web of Science; as well as Prof. Gautam Srivastava from the Department of Mathematics and Computer Science, Brandon University, Canada, who was the senior member of IEEE and popularly known in the field of data mining and big data, with more than 60 high-quality publications.

Coordination with the steering chair, Prof. Imrich Chlamtac, Bruno Kessler Professor, University of Trento, Italy, was essential for the success of the conference. We sincerely appreciate his constant support and guidance. It was also a great pleasure to work with such an excellent Organizing Committee team and we thank them for their hard work in organizing and supporting the conference. In particular, the Technical Program Committee (TPC), led by our TPC co-chairs, Dr. Fei Lang from Harbin University of Science and Technology, China, and Prof. Lei Chen from Georgia Southern University, USA, who completed the peer-review process of technical papers and made a high-quality technical program. We are also grateful to the conference manager, Barbora Cintava, for her support and all the authors who submitted their papers to the eLEOT 2020 conference.

We strongly believe that the eLEOT conference provides a good forum for all researchers, developers, and practitioners to discuss all science and technology aspects that are relevant to new technologies in education. In particular, all of us believe it is the right time to introduce new technologies for online education since COVID-19 is attacking the world. We also expect that future eLEOT conferences will be as successful and stimulating as indicated by the contributions presented in this volume.

October 2020

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