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# Entertainment Computing – ICEC 2020

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# Preface

This LNCS volume collects all contributions accepted for the 19th edition of the International Conference on Entertainment Computation (IFIP-ICEC 2020). IFIP-ICEC is the longest lasting conference on entertainment computation, after a series of successful conferences that have been held in São Paulo, Brazil (2013), Sydney, Australia (2014), Trondheim, Norway (2015), Vienna, Austria (2016), Tsukuba, Japan (2017), Poznan, Poland (2018), and Arequipa, Peru (2019). This year's event was held online during November 11–13, 2020.

Overall, we received 72 submissions from several countries across Europe and Asia. Each submission underwent a rigorous review process and received at least three reviews by members of the entertainment computation community. Eventually, we accepted 21 full papers, 18 short papers, and 2 posters.

IFIP-ICEC 2020 innovated several aspects of the conference: an emerging topics paper track was added to provide a forum for emerging new topics; art exhibition and interactive sessions enriched the conference with more creative types of contributions; the IFIP-ICEC award was introduced to promote the best contributions; and thematic areas were introduced to broaden the thematic cover of the conference. The areas introduced in 2020 covered the topics area of entertainment systems and technology, digital games, bioinformatics, digital art, AI/VR/AR, and 3D modeling. Besides these novelties, the conference program was enriched by two keynote speakers: Professor Nadia Magnenat Thalmann from the University of Geneva, Switzerland, and Professor Jian Chang from Bournemouth University, UK. The two speakers contributed their views on the latest developments in entertainment computing.

We would like to thank all Program Committee members for their hard work; all reviews were conducted on time. Therefore, we would truly like to thank them for their hard work. We also would like to thank Northwest A&F University, Xi'an University of Technology, as well as Hangzhou Normal University, China, for organizing the overall IFIP-ICEC 2020 event and for their help and support. We especially would like to express our gratitude to all the Organizing Committee members, especially our area chairs. Many thanks also go to our sponsors, the International Federation for Information Processing (IFIP) for supporting this year's conference.

October 2020

Nuno J. Nunes  
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