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Communications in Computer and Information Science

1911

Methods and Applications for Modeling and Simulation of Complex Systems

22nd Asia Simulation Conference, AsiaSim 2023
Langkawi, Malaysia, October 25–26, 2023
Proceedings, Part I

Part 1


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Preface

The 22nd Asia Simulation Conference (AsiaSim 2023) was held on Langkawi Island, Malaysia for two days on 25–26th October 2023. This Asia Simulation Conference is annually organized by the following Asian Simulation societies: the Korea Society for Simulation (KSS), the China Simulation Federation (CSF), the Japan Society for Simulation Technology (JSST), the Society of Simulation and Gaming of Singapore, and the Malaysia Simulation Society (MSS). This conference provides a platform for scientists, academicians, and professionals from around the world to present and discuss their work and new emerging simulation technologies with each other. AsiaSim 2023 aimed to serve as the primary venue for academic and industrial researchers and practitioners to exchange ideas, research findings, and experiences. This would encourage both domestic and international research and technical innovation in these sectors.

Bringing the concept of ‘Experience the Power of Simulation’, the papers presented at this conference have been compiled in this volume of the series Communications in Computer and Information Science. The papers in these proceedings tackle complex modelling and simulation problems in a variety of domains. The total of submitted papers to the conference was 164 papers. All submitted papers were reviewed by at least three (3) reviewers based on single-blind peer review. The papers presented in AsiaSim 2023 are included in two (2) volumes (1911 and 1912) containing 77 full papers divided into seven (7) main tracks, namely: Artificial Intelligence and Simulation, Digital Twins (Modelling), Simulation and Gaming, Simulation for Engineering, Simulation for Industry 4.0, Simulation for Sustainable Development, and Simulation for Social Sciences.

As editorial members of the AsiaSim 2023 conference, we would like to express our gratitude to all the authors who chose this conference as a venue for their publications and to all reviewers for providing professional reviews and comments. We are also very grateful for the support and tremendous effort of the Program and Organizing Committee members for soliciting and selecting research papers with a balance of high quality and new ideas and applications. Thank you from us.

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