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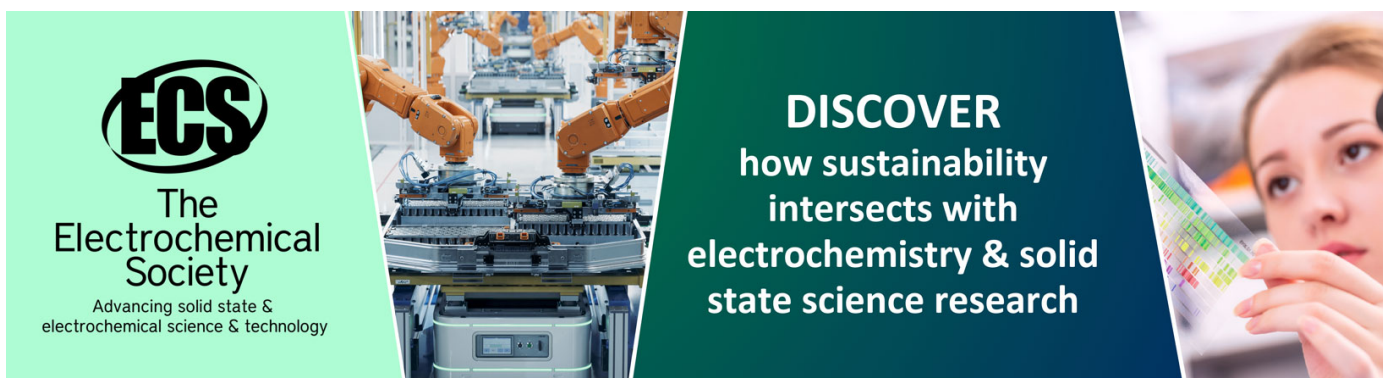# Preface

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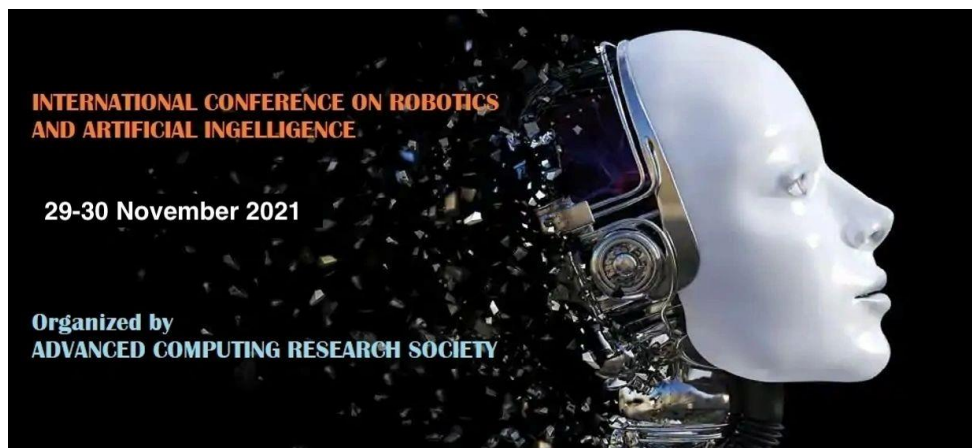
Proceedings of the
Second International Conference on
Robotics and Artificial Intelligence

RoAI 2021

Editors of the Proceedings

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Preface

We are honoured and glad to welcome you at the Second International Conference on Robotics and Artificial Intelligence 2021 organized by Advanced Computing Research Society on 29th and 30th November 2021. Initially, this conference was planned to be held in Chennai. Later on, due to the covid-19 pandemic situation and travel restrictions imposed by various Governments, the options available was to either postpone, cancel or conduct in virtual mode. Postponement was too unsure, since it was not clear when normalcy will be restored, conducive for physical conference. Cancellation of the conference will upset and disappoint people who have contributed to the conference. Hence the committee decided to go for online mode on the same dates as planned earlier. The organizers hosted the conference from Chennai, India.

Keynote Speakers were :

Dr. Jagannathan Sarangapani
Rutledge Emerson Distinguished Professor and NSF I/UCRC Site Director
Director, Embedded Control Systems and Networking Laboratory
Missouri University Of Science And Technology, USA

Dr. Ashwin Ashok
Department of Computer Science
Georgia State University
Atlanta**,** Georgia, USA

Dr. Ramamohanarao Kothagiri
Former Professor, Head of the Department and Research Director
School of School of Computing and Information Systems,
The University of Melbourne**,** Australia

This conference and these proceedings are a unique opportunity for sharing ideas and achievements, discoveries and innovation for growing together our knowledge and contribute to expand the knowledge of humanity.

The conference covers topics on robotics, artificial intelligence, computational science, mathematical physics and electronics and devices. We received 48 papers and after peer review 22 papers were accepted and presented in this conference. The papers were evaluated on the basis of completeness, relevance to the conference, originality, sufficiently novel,

technical quality, structure and presentation of the paper and adequate references to previous work. Every paper was reviewed by at least 2 reviewers and the review comments were shared with the authors for incorporating the suggestions and comments.

The conference had participation from various countries – India, Hongkong, Australia, Romania, United Arab Emirates, United States of America and Peru. Total number of participants were 48.

On the day of the conference, all the presenters were able to present online and the sessions were held smoothly as per the schedule. 22 papers were presented in 3 sessions. Each presenter was given 15 minutes for presentation, followed by question-and-answer session. A networking session was also arranged, which enabled the participants to interact, learn and network with each other. We used "Google Meet" as conference platform.

We are thankful to the IOP Journal of Physics : Conference Series and its editor for accepting our proposal, for providing valuable guidance and for publishing this conference proceedings. We also thank the Morressier Conference submission and review management for providing software services which enabled timely peer review. We thank all the Committee members for their valuable inputs and time, for making this conference very successful. We thank all the authors and presenters for disseminating their research outcomes through this conference. We appreciate each and everyone who have made this conference meaningful.

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