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ICAIoT 2022 Preface

It gives us immense pleasure to introduce this volume of proceedings for The Second International Conference on Artificial Intelligence of Things (ICAIoT 2022). The ICAIoT 2022 is technically sponsored by IEEE and organized by the Faculty of Engineering and Architecture, Istanbul Nişantaşi University (Istanbul, Turkey), on December 29-30, 2022. The conference aims to provide an interdisciplinary forum to exchange ideas on the advancement and emerging role of Artificial Intelligence of Things and its applications in various fields. The event covered top-quality content and innovative thought leadership discussions encompassing the AIoT ecosystem. It explored the latest developments, innovations, and best practices within the Artificial Intelligence of Things and the impact it has on industries including manufacturing, transport, supply chain, communication, government, legal sectors, financial services, energy utilities, insurance, healthcare, retail, and many others.

We are pleased to share that the response to the Call for Papers for ICAIoT 2022 was very encouraging. A total of 172 papers covering different themes in artificial intelligence of things were submitted to the conference. Among these, 164 papers qualified for the peer review process and were reviewed by renowned researchers in the respective fields from all over the world. After a thorough and competitive paper review and selection process, 79 high-quality papers were accepted for presentation at the conference yielding an acceptance rate of 45.93%. This volume is comprised of 78 papers which eventually qualified for presentation at the conference.

We would like to take this opportunity to thank the reviewers for their time and efforts in reviewing the papers and providing constructive feedback to the authors. We are also thankful to the keynote speaker Prof. Dr. Sinem Coleri (IEEE Fellow, Depart. Chair, Electrical & Electronics Engineering, Koc University, Turkey), the authors, and the participants of the conference. We would also like to extend our cordial appreciation to all members of the Organizing Committees for their untiring efforts in making this event a success. We thank all the attendees for participating in the conference and hope that the event provided valuable knowledge-sharing and networking opportunities. We appreciate the efforts and support by IEEE, especially Turkey - Chapter, in making the event successful.

Dr. Jawad Rasheed

December 31, 2022