Lecture Notes in Networks and Systems 694

Xin-She Yang
R. Simon Sherratt
Nilanjan Dey
Amit Joshi *Editors*

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Lecture Notes in Networks and Systems

Volume 694

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Preface

The Eighth International Congress on Information and Communication Technology will be held during February 20–23, 2023, in a hybrid mode, physically at London, UK, and Digital Platform: Zoom. ICICT 2023 organized by Global Knowledge Research Foundation and managed by GR Scholastic LLP. The associated partners were Springer and InterYIT IFIP. The conference will provide a useful and wide platform both for the display of the latest research and for the exchange of research results and thoughts. The participants of the conference will be from almost every part of the world, with backgrounds of either academia or industry, allowing a real multinational multicultural exchange of experiences and ideas.

A great pool of more than 1300 papers were received for this conference from across 113 countries among which around 361 papers were accepted and will be presented physically at London and Digital Platform: Zoom during the 4 days. Due to the overwhelming response, we had to drop many papers in the hierarchy of the quality. Total of 46 technical sessions will be organized in parallel in 4 days along with a few keynotes and panel discussions in hybrid mode. The conference will be involved in deep discussion and issues which will be intended to solve at global levels. New technologies will be proposed, experiences will be shared, and future solutions for design infrastructure for ICT will also be discussed. The final papers will be published in four volumes of proceedings by Springer LNNS Series. Over the years, this congress has been organized and conceptualized with the collective efforts of a large number of individuals. I would like to thank each of the committee members

and the reviewers for their excellent work in reviewing the papers. Grateful acknowledgments are extended to the team of Global Knowledge Research Foundation for their valuable efforts and support.

I look forward to welcoming you to the 8th Edition of this ICICT Congress 2023.

Amit Joshi, Ph.D.
Organising Secretary, ICICT 2023
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Nilanjan Dey is an Associate Professor at the Department of Computer Science and Engineering, Techno International New Town, India. He is the Editor-in-Chief of the *International Journal of Ambient Computing and Intelligence*; a Series Co-Editor of Springer Tracts in Nature-Inspired Computing (STNIC), Data-Intensive Research (DIR), Springer Nature; and a Series Co-Editor of Advances in Ubiquitous Sensing Applications for Healthcare, Elsevier. He is a fellow of IETE and a Senior Member of IEEE.

Amit Joshi is currently the Director of Global Knowledge Research Foundation, and also an Entrepreneur and Researcher who has completed his master's and research in

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