

Lecture Notes in Electrical Engineering 1076

Yongsheng Ma *Editor*

Progressive and Integrative Ideas and Applications of Engineering Systems Under the Framework of IOT and AI

Proceedings of 2nd International
Conference on Intelligent Systems
Design and Engineering Applications

 Springer

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Editor

Progressive and Integrative Ideas and Applications of Engineering Systems Under the Framework of IOT and AI

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Preface

2023 2nd International Conference on Intelligent Systems Design and Engineering Applications (ISDEA 2023) was held successfully in Okayama, Japan, during May 12–14, 2023, with technical support by Okayama University, Shonan Institute of Technology, Nihon University, Nagoya Institute of Technology, Yamaguchi University, Japan. In consideration of health and safety for everyone and travel restrictions, ISDEA 2023 is still made offline and online mixed.

The objective of the conference is to provide a premium platform to bring together researchers, scientists, engineers, academics and graduate students to share up-to-date research results. We are confident that during this time, you will get the theoretical grounding, practical knowledge and personal contacts that will help you build a long-term, profitable and sustainable communication among researchers and practitioners in the related scientific areas.

ISDEA 2023 proceedings span over created three topic tracks including “*Robot Design and Machine Vision*,” “*Intelligent Control System and Application*” and “*Design and Development of Information Systems Based on Image Processing*.” As the program, we had four keynote speeches. They are Prof. Makoto Iwasaki from Nagoya Institute of Technology, Japan; Prof. B (Bedir) Tekinerdogan from Wageningen University, the Netherlands; Prof. Hideki Tode from Osaka Metropolitan University, Japan; and Prof. Hong Wang from Oak Ridge National Laboratory, USA. We also had two technical sessions on May 13. It is a golden opportunity for the students, researchers and engineers to interact among themselves to get better views on technical development and trends for the near future.

On behalf of the conference committee, we wish to thank the keynote speakers and authors of the selected papers for their outstanding contributions. we would also like to thank members of the organizing committee, anonymous reviewers and volunteers for their great efforts. Without their contribution, dedication and commitment, we would not have achieved so much. Thanks also goes to the conference secretaries for their dedicated cooperation. We sincerely hope that you will find the ISDEA 2023 beneficial and fruitful for your professional development.

Warmest regards,
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