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Preface

On behalf of the Organizing Committee, we welcome you to the proceedings of the 13th International Conference on Intelligent Robotics and Applications (ICIRA 2020), organized by the IEEE Computational Intelligence Society (Malaysia Chapter), technically sponsored by Springer, and financially sponsored by Malaysia Convention & Exhibition Bureau. ICIRA 2020 with the theme of "Cloud Robotics" offered a unique and constructive platform for scientists and engineers throughout the world to present and share their recent research and innovative ideas in the areas of robotics, automation, mechatronics, and applications.

ICIRA 2020 was a successful event this year in spite of the COVID-19 pandemic. It was held virtually and attracted 66 submissions regarding state-of-the-art developments in robotics, automation, and mechatronics. The Program Committee undertook a rigorous review process to select the most deserving research for publication. Most of the submissions were of high quality; 45 submissions were selected for publication in Springer's Lecture Notes in Artificial Intelligence, a subseries of Lecture Notes in Computer Science. We sincerely hope that the published papers of ICIRA 2020 will prove to be technically beneficial and constructive to both the academic and industrial community in robotics, automation, and mechatronics. We would like to express our sincere appreciation to all the authors, the participants, and the distinguished keynote and invited speakers.

The success of the conference is also attributed to the Program Committee members and invited peer reviewers for their thorough review of all the submissions, as well as to the Organizing Committee and volunteers for their diligent work. Special thanks are extended to Alfred Hofmann, Anna Kramer, Ronan Nugent, and Celine Chang from Springer for their consistent support.

October 2020

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