

Preface

The First International Conference on Advancements in Automation, Robotics, and Sensing (ICAARS 2016) was held in Coimbatore, India, by the Department of Robotics and Automation Engineering, PSG College of Technology, during June 23–24 2016. As the name suggests, it aims at the convergence of three fields, acting as a common forum for the robotics and automation research communities. This year's conference had a special focus on developments in sensors, imaging systems, adaptive control systems, and design and deployment of manipulators for various remote material handling systems contributing to advancements in the field of robotics and industrial automation. The conference hosted in India provided ample opportunity for participants from all over the world to form professional networks and learn through active participation. Nine intriguing keynotes from academia and industry complemented the technical program. We would like to thank everybody who contributed to the success of this conference, in particular the members of the technical committee and the additional reviewers for carefully reviewing the contributions. To add value to the conference, a pre-conference workshop was conducted by bringing together researchers from academia and industry, for the fostering of collaboration and exchange of ideas. The pre-conference workshop chair, Dr. Richard Voyles, Associate Dean for Research, Purdue University, USA, excelled in organizing the tutorials and coordinating the workshop. We thank Dr. R. Rudramoorthy, Principal, and the management of PSG College of Technology for giving us a platform to conduct such a wonderful and successful event. Our special thanks to the members of the Organizing Committee for their numerous contributions. We hope that all participants enjoyed a successful conference, made many new contacts, engaged in fruitful discussions, and had a pleasant stay in Coimbatore.

September 2016

B. Vinod

Advancements in Automation, Robotics and Sensing
First International Conference, ICAARS 2016,
Coimbatore, India, June 23 - 24, 2016, Revised Selected
Papers

Vinod, B.; Voyles, R.; Vadakkepat, P.; Sundaram, S.G.A.;
Sujatha, K.S.; Brislin, J.J. (Eds.)

2016, X, 153 p. 104 illus., Softcover

ISBN: 978-981-10-2844-1