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ICRA 2016 Award Recipients Announced

Congratulations to the following ICRA 2016 Award Recipients! Winners were announced and honored during the RAS Awards Luncheon which took place on **19 May 2016** in Stockholm, Sweden.

Best Associate Editor Award
Margarita Chli, ETH Zurich, Switzerland
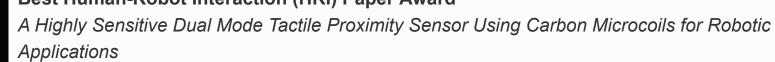Jason Corso, University of Michigan, USA

Best Reviewer Award
Jan Rosell, Universitat Politècnica de Catalunya, Spain
Xiaolong Zhou, Zhejiang University of Technology, China
Klaus Strobl, German Aerospace Center (DLR), Germany
Giuseppe Loianno, University of Pennsylvania, USA

BEST PAPER AWARDS

ICRA Automation Best Paper
Beyond Layers: A 3D-Aware Toolpath Algorithm for Fused Filament Fabrication
Samuel Lensgraf, Ramgopal Mettu

Best Human-Robot Interaction (HRI) Paper Award
A Highly Sensitive Dual Mode Tactile Proximity Sensor Using Carbon Microcoils for Robotic Applications
Hyo Seung Han, Junwoo Park, Tien Dat Nguyen, Uikyum Kim, Canh Toan Nguyen, Hoa Phung, Hyouk Ryeol Choi

ICRA Medical Robotics Best Paper Award
Image-Based Robotic System for Enhanced Minimally Invasive Intra-Articular Fracture Surgeries
Giulio Dagnino, Ioannis Georgilas, Paul Köhler, Sanja Dogramadzi

ICRA Robot Manipulation Best Paper Award
Optimal Control with Learned Local Models: Application to Dexterous Manipulation
Vikash Kumar, Emanuel Todorov, Sergey Levine

ICRA Robot Vision Best Paper Award
Multi-Type Activity Recognition in Robot-Centric Scenarios
Ilaria Gori, J.K. Aggarwal, Larry Matthies, Michael S. Ryoo

ICRA Best Student Paper
Supersizing Self-supervision: Learning to Grasp from 50K Tries and 700 Robot Hours
Lerrel Joseph Pinto, Abhinav Gupta

ICRA Best Conference Paper
A Convex Polynomial Force-Motion Model for Planar Sliding: Identification and Application
Jiaji Zhou, Robert Paolini, James Bagnell, Matthew T. Mason

CHALLENGES

Airbus Shop Floor Challenge
1st Place - Team Naist, Japan
2nd Place - Team CriGroup, Singapore
3rd Place - Team Sirado, France

Humanitarian Robotics and Automation Technology Challenge
Winner: Team Autobots: Qbotics Labs & Sastra Robotics, Kerala, India

Formal Methods for Robotics (FMR) Challenge
Winner: Team WPI, Worcester, MA, USA (Rohit Sheth, Nishan Srishankar, Joseph McMahon, Jie Fu)
Winner: Team Caltech, Pasadena, CA, USA (Sumanth Dathathri, Richard Cheng, Richard M. Murray)

Mobile Microrobotics Challenge
1. **Mobility Challenge**
Winner: Team UTV Romania: Valahia University of Targoviste (Ioan-Alexandru Ivan, Florin Dragomir, Ioana Dulama Valentin Gurgu, Alin Bucurica, Nicolae Radulescu)
2. **Assembly Challenge**
Winner: University of Waterloo Nanorobotic Group: University of Waterloo (Tammy Liu, Manasa Kaniselvan, Ciara Azam, Natalie Pinchin)
3. **Best in Show**
Winner: Team UTV Romania: Valahia University of Targoviste (Ioan-Alexandru Ivan, Florin Dragomir, Ioana Dulama Valentin Gurgu, Alin Bucurica, Nicolae Radulescu)

📅 Published: 10 June 2016

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