

Award Winners and Chapter Updates

IROS 2015 Award Winners

The following awards were presented at the IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) held on 28 September–2 October 2015, in Hamburg, Germany. Congratulations to the winners!

IROS Distinguished Service Award

This award recognizes the individuals who have performed outstanding service for the benefit and advancement of IROS. This award went to

- **Toshio Fukuda**, for his outstanding services in founding and supporting IROS conferences.
- **Tzyh-Jong Tarn**, for his outstanding services to the IROS Advisory/Steering Committee and IROS conferences.

IROS Toshio Fukuda Young Professional Award

This award recognizes the individuals in the early stage of their career who have made an identifiable contribution or contributions that have had a major impact on the robotics field. This award went to

- **Rainer Bischoff** (Figure 1), for his technical contributions to the personal robotic assistant HERMES and his effort in uniting the European robotics community.

IROS 2015 Best Paper Award

This award recognizes the most outstanding paper presented at the confer-

Digital Object Identifier 10.1109/MRA.2015.2511686
Date of publication: 8 March 2016

RAS New AdCom Members

The newly elected members of the IEEE Robotics and Automation Society Administrative Committee (AdCom) began a three-year term on 1 January 2016.



Gianluca Antonelli.



François Chaumette.



Peter Corke.



Bill Hamel.



Max Meng.



Carme Torras.

Digital Object Identifier 10.1109/MRA.2016.2531958
Date of publication: 8 March 2016

ence based on quality of contribution, of a written paper, and of the oral presentation. This award went to

- “Tactile Sensing for Gecko-Inspired Adhesion,” Xin Alice Wu, Srinivasan Suresh, Hao Jiang, John Ulmen, Elliot Wright Hawkes, David Christensen, and Mark Cutkosky.

IROS 2015 ABB Best Student Paper Award

This award recognizes the most outstanding paper authored primarily and presented by a student at the conference based on the quality of the contribution, of the written paper, and of the oral presentation. This award went to

- “Hybrid Aerial and Aquatic Locomotion in an At-Scale Robotic Insect,” YuFeng Chen, Elizabeth Farrell Helbling, Gravish Nicholas, Kevin Ma, and Robert Wood.

Best ICROS Application Paper Award

Sponsored by the Institute of Control, Robotics, and Systems. This award went to

- “Cloth Dynamics Modeling in Latent Spaces and its Application to Robotic Clothing Assistance,” Nishanth Koganti, Jimson Gelbolingo Ngeo, Tomoya Tamei, Kazushi Ikeda, and Tomohiro Shibata.



Figure 1. Rainer Bischoff receives the IROS Toshio Fukuda Young Professional Award.

JTCF Novel Technology Paper Award for Amusement Culture

This award recognizes practical technology contributing to toys, toy models, and amusement culture. Sponsored by the Japan Toy Culture Foundation (JTCF). This award went to

- “Momentum-Driven Single-Actuated Swimming Robot,” Gilad Refael and Amir Degani.

RoboCup Best Paper Award

This award was sponsored by the RoboCup Federation. This award went to

- “POMDP to the Rescue: Boosting Performance for RoboCup Rescue,” Kegui Wu, Wee Sun Lee, and David Hsu.

2015 Guido Dorso Award Presented to Bruno Siciliano, RAS Past President

The 36th edition of the Guido Dorso Award was presented to Bruno Siciliano on 15 October 2015 in a ceremony held at the Senate of the Republic in Rome by the Rector of the University of Naples Federico II (Figure 2). Every year, the Guido Dorso Award recognizes Fellows who have contributed their work to support the needs of development and progress of Southern Italy. Siciliano received the award for the section “University.” Distinguished fellows from the political, economic, and cultural world received

the award in the past years, including two Nobel prizes.

Bruno Siciliano is a 56-year-old *Professor of Control and Robotics* at the University of Naples Federico II and coordinator of the Automation Engineering Program. He is the scientific director of PRISMA Lab, the Laboratory of Projects for Industrial and Service Robotics, Mechatronics, and Automation in the Department of Electrical Engineering and Information Technology.

Prof. Siciliano coordinates a staff of 25 researchers, including junior faculty, fellows, graduate students, and postdocs from four continents. His group has participated in 15 projects financed by the European Union for a total funding of 8.5 million euro in the last eight years. He has held representative positions within professional societies, including president of the IEEE Robotics and Automation Society (RAS) for 2008–2009.

Prof. Siciliano is the only European to be a Fellow of the three most important scientific associations in the sector of automation (IEEE, The American Society of Mechanical Engineers, and International Federation for Automatic Control) and has received numerous awards at national and international levels.

His research interests are in force control, visual control, bimanual manipulation, aerial robotics, coexistence between robots and humans, and service robotics. He has published 300 articles in journals and conference papers and seven books on robotics; his book *Robotics: Modelling, Planning, and Control* is one of the most adopted texts in universities around the world and has been translated into Italian, Chinese, and Greek. He is coeditor of *Springer Handbook of Robotics*, which was awarded the highest award for scientific publishing: 2008 AAP PROSE Award for Excellence in Physical Sciences and Mathematics, and Award for Engineering and Technology. He has held 20 plenary lectures at international conferences and more than 100 invited seminars at foreign institutions, and has carried out an intense publishing activity.



Figure 2. Bruno Siciliano accepts the 2015 Guido Dorso Award.