

*Better Robots Better Life*

2011 IEEE International Conference on

# ROBOTICS AND AUTOMATION

May 9 - 13, 2011 International Conference Center Shanghai, China

Sponsored by  IEEE  Robotics & Automation Society

## ICRA 2011 Preliminary Announcement

The 2011 International Conference on Robotics and Automation (ICRA 2011) will take place from May 9 to 13, 2011 at the Shanghai International Conference Center and the Shangri-La Hotel Shanghai Pudong in Shanghai, China.

Located at the mouth of the Yangtze River, the longest river in China, on the west bank of the East China Sea, Shanghai acts as a link between China's inland regions and the outside world, and it is comfortable with both eastern and western cultures. With a history of more than 700 years, Shanghai was once the financial center of the Far East and in recent years the municipal government is working towards building Shanghai into a modern metropolis and a global economic, financial, trading and shipping center by 2020. With a land area covering 6,340 square kilometers and a population of 16 million people, Shanghai has become the largest economic center in China, with its GDP growth maintained at a rate of over 10 percent in the last 11 years. More than 100 foreign countries and regions have invested in over 30,000 projects in Shanghai. Shanghai has direct connections with 141 cities in 29 countries and regions via Pudong and Hongqiao international airports. Shanghai is a prominent historical city with a rich cultural heritage. The vintage western style buildings on the Bund and the modern Lujiazui Financial Center in Pudong face each other across the Huangpu River. On the other hand, Yuyuan Garden and Longhua Temple display very graceful ancient Chinese architecture.

The ICRA 2011 conference promises to be a great event with excellent technical and social programs. Paper manuscripts reporting original research results on all aspects of robotics and automation are welcome. Proposals for tutorials and workshop, and organized sessions, on new topics or innovative applications are invited. Video clips illustrating new and exciting results are invited for video sessions. Exhibits from both industries and research laboratories are welcome. Please visit the official conference website for detailed instructions for paper, proposal, video, and exhibit submissions.

### Important Dates:

<b>Submission of all contributions:</b>	<b>September 15, 2010</b>
<b>Notification of acceptance:</b>	<b>January 15, 2011</b>
<b>All final submissions due:</b>	<b>February 15, 2011</b>

For more detailed information on ICRA 2011, please visit the conference website:

<http://2011.ieee-icra.org>

### Conference Organization

#### Honorary Chairs:

Zhongqin Lin, Shanghai Jiao Tong University, China  
Toshio Fukuda, Nagoya University, Japan  
Bruno Siciliano, Univ. Napoli Federico II, Italy  
Yangsheng Xu, Chinese University of Hong Kong, China  
Yugeng Xi, Shanghai Jiao Tong University, China  
Yuan Fang Zheng, Ohio State University, USA

#### General Chair:

Zexiang Li, Hong Kong University of Science & Technology, China

#### Executive General Co-Chair:

Tzyh-Jong Tarn, Washington University in St. Louis, USA

#### General Co-Chairs:

Michael Y. Wang, Chinese University of Hong Kong, China  
Han Ding, Shanghai Jiao Tong University, China

#### Program Chair:

Yuan Fang Zheng, Ohio State University, USA

#### Program Co-Chairs:

Zhidong Wang, Chiba Institute of Technology, Japan  
Jianwei Zhang, University of Hamburg, Germany

#### Regional Program Chairs:

Hajime Asama, University of Tokyo, Japan  
Peter Corke, CSIRO, Australia  
Oussama Khatib, Stanford University, USA  
Bradley Nelson, ETHZ, Switzerland  
Frank C. Park, Seoul National University, Korea  
Li-Chen Fu, National Taiwan University, Taiwan  
Rüdiger Dillmann, University of Karlsruhe, Germany

#### Awards Chairs:

William R. Hamel, University of Tennessee, USA  
Raja Chatila, LAAS-CNRS, France  
Ning Xi, Michigan State University, USA  
Shugen Ma, Ritsumeikan University, Japan  
Guilin Yang, SIMTech, Singapore

#### Tutorials and Workshops Chairs:

Yunhui Liu, Chinese University of Hong Kong, China  
Peter B. Luh, University of Connecticut, USA  
Satoshi Tadokoro, Tohoku University, Japan  
Torsten Kroeger, Technical University of Braunschweig, Germany  
I-Ming Chen, Nanyang Technological University, Singapore

#### Finance Advisor:

Xiaoping Yun, Naval Postgraduate School, USA

#### Finance Chairs:

Youfu Li, City University of Hong Kong, China  
Zhenhua Xiong, Shanghai Jiao Tong University, China

#### Publications Chairs:

Aiguo Ming, University of Electro-Communications, Japan  
Xiaojun Wu, HIT Shenzhen Graduate School, China

#### Videos Chair:

Hong Zhang, University of Alberta, Canada

#### Publicity Chairs:

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Tianmiao Wang, Beihang University, China  
Shigeiki Sugano, Waseda University, Japan  
Yuechao Wang, SIA, CAS, China  
Mengchu Zhou, NJIT, USA

#### Exhibits Chairs:

Xiaorui Zhu, HIT Shenzhen Graduate School, China  
Weidong Chen, Shanghai Jiao Tong University, China

#### Registration Chairs:

Dong Sun, City University of Hong Kong, China  
Hesheng Wang, Shanghai Jiao Tong University, China

#### Local Arrangement Chair:

Jianbo Su, Shanghai Jiao Tong University, China

#### General Affairs Chair & Secretariat:

Yunjiang Lou, HIT Shenzhen Graduate School, China  
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