



The First Announcement of IEEE ARSO'2016



----- July 8 -- 10, 2016. Shanghai, China

★ Welcome to ARSO'2016

The 2016 IEEE International Workshop on Advanced Robotics and its Social Impacts (ARSO'2016) will be held on 8-10, July, 2016 in Shanghai, China.

IEEE Workshop on Advanced Robotics and its Social Impacts (ARSO) aims at discussing advanced robotics R&D and its implications to economic and social systems. Participants will be world class robotic research scientists, investors and economists, as well as representatives of industry and government.

The workshop series started in Nagoya in year 2005, and traveled through Beijing (2006), Hsinchu (2007), Taipei (2008), Tokyo (2009), Seoul (2010), Half Moon Bay, CA (2011), Munich (2012), Tokyo (2013), Evanston (2014), and Lyon(2015).

ARSO's topics range from traditional Robotics technologies, innovation, socio-economic aspects, but also psychological and philosophical aspects of Human Robot Interaction. *The workshop, ARSO'2016, will be held in conjunction with the China International Robot Show (CIROS), CIROS'2016. The technical program of ARSO'2016 will include a free one day visit of the exhibition, CIROS'2016, and a half day technical session and a round table shared by ARSO.*

★ Conference venue

- Howard Johnson Hongqiao Airport Hotel in Shanghai, China.
- **Website:** <http://www.chinahotels.hk/shanghai-hotels/howard-johnson-hongqiao-airport-hotel-shanghai.html>

★ Call for Paper

➤ Scope

All cutting-edge robotics technologies, including their business opportunities, and present and potential impacts on the human world. Applications of robots are highly encouraged, including, but not limited to, in manufacturing (including the new field of Cobotics), healthcare and medical applications, service and assistance, transportation, search and rescue, entertainment, and education.

➤ Papers submission

Prospective authors should submit papers electronically in PDF format via PaperPlaza. Six pages in standard IEEE format are allowed for each paper. Up to two additional pages are permitted with an extra charge. Authors are encouraged to mention if they prefer an oral or an interactive presentation (including a 3mn teaser in the plenary session). Detailed instructions are available on the ARSO 2016 website.

➤ Important Dates

- *January 30, 2016: Organized Sessions submission*
- *February 16, 2016: Acceptance notification for OS*
- *March 10, 2016: Papers submission*
- *April 30, 2016: Acceptance notification*
- *May 30, 2016: Final papers submission*
- *July 8 –July 10, 2016: Workshop & Exhibition*

★ The Preliminary Organizing Committees:

- **Sponsor:** IEEE RAS.
- **Local-organizers:** Shanghai Jiao Tong University (SJTU)
Robotics & Automation Committee of Chinese Welding Society (CWS)
- **Honorary Chair** Prof. Toshio FUKUDA (Meijyo University, Japan)
- **Advisory Committee Chair** Prof. Tzyh-Jong TARN (Washington University, USA)
- **Academic Steering Committee Chair:** Dr. Kazuhito Yokoi (Japan)
- **General Chairs** Prof. Tzyh-Jong TARN (Washington University, USA)
- **General Co-Chairs** Prof. Shna-Ben CHEN (SJTU, China)
Prof. Tianmiao WANG(BUAA, China)
- **Program Committee Chair** Prof. Zhidong WANG (Chiba Institute of Technology, Japan)
- **Organizing Committee Chair** Prof. Jie ZHAO, (HIT, China)

(All Committee members to be continued)

★ General Affairs Chair & Secretariat

- Chair: Prof. Shan-Ben CHEN (SJTU, China)
- Secretariat(omitted)

★ Contact Information

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★ General information



Cruising on the **Huangpu River**, visitors can gaze at the mighty skyscrapers, the Monument Tower to the People's Heroes and Huangpu Park on one bank, and the orient Pearl TV Tower, International Convention Center and the newly rising Pudong New Area on the other.



Yu Garden is a famous garden of classical style in the south of the Yangtze River. The major scenic attractions in the Yu Garden include the Mountain and Forest in City, Eye-catching Scenes of Water and Rockeries, Great Happiness in the Middle and Garden within the Garden (inner garden) as well.