



# The 12<sup>th</sup> International Convention on Rehabilitation Engineering and Assistive Technology (i-CREATe 2018)

14-16 July 2018, Shanghai CHINA  
Website: [www.icreate-china.com](http://www.icreate-china.com)

## Call for paper

The International Convention on Rehabilitation Engineering and Assistive Technology (i-CREATe) is the largest rehabilitation engineering convention in Asia and second in the world. It has been an influential platform for academic and information exchange hosted by CREATE Asia.

i-CREATe2018 will be held on 14-16 Jul 2018 in Shanghai China. Professor Hongliu YU is the chair of the coalition and also the convention.

The theme of i-CREATe2018 is "Cooperation and Innovation for an Accessible World", which calls for closer communication and cooperation through Asia and the entire world to promote the scientific innovation and development of assistive products industry.

i-CREATe2018 will feature four attractive modules:

- academic conference
- global student innovation challenge(gSIC)
- international forum on development of assistive products industry
- the 2nd Shanghai International Symposium on Human-Centered Robotics (HCR 2018)

Welcome our friends and colleagues to join this glory event again in Shanghai, and to share the information and knowledge about the most recent development of assistive technology in China, and also from all over the world.

**Paper submission:** Please submit abstract paper (no more than 4 pages) to the convention website [www.icreate-china.com](http://www.icreate-china.com). Detailed requirements pls refer to convention website. The full conference papers will be published and indexed in ACM digital Library and EI.

Topics include but not limited to the following fields of assistive devices:

- industry development and policy of assistive device
- nursing and home care
- personal mobility and item handling
- augmentative and alternative communication
- visual impairment
- auditory impairment
- employment
- leisure and recreation
- rehabilitation therapy
- rehabilitation robotics
- special education
- general design and environmental control, etc.

### Important Dates:

Mar 15, 2018	Paper submission deadline
Mar 15, 2018	Workshop/tutorial/competition proposals submission deadline
Apr 15, 2018	Notification of workshop/tutorial/competition acceptance
April 30, 2018	Notification of paper acceptance
May 15, 2018	Final paper submission
July 14-16, 2018	i-CREATe2018 in Shanghai

## i-CREATe 2018

### Host Organizers:

Coalition of Rehabilitation Engineering and Assistive Technology, Asia (CREATE Asia)  
University of Shanghai for Science and Technology (USST)

### General Chair:

Prof. Hongliu YU (University Of Shanghai for Science & Technology, China)

### General Co-chair:

Takaaki CHIN (Hyogo Rehabilitation Center, Japan)  
Robyn CHAPMAN (Assistive Technology Australia, Australia)

### Advisory Committee:

Etienne BURDET (Imperial College London, UK)  
Friedbert KOHLER (HammondCare, Australia)  
Guoen FANG (Chinese Association of Rehabilitation Medicine, China)  
Jianan LI (Rehabilitation Medicine Center of Jiangsu Province Hospital, China)  
Jianwei ZHANG (University of Hamburg, Germany)  
Pairash THAJCHAYAPONG (National Science and Technology Development Agency in Thailand, Thailand)  
Robert REINER (ETH Zurich, Switzerland)  
Roger Owen SMITH (University of Wisconsin-Milwaukee, USA)  
WeiTech ANG (Nanyang Technological University, Singapore)  
Yubo FAN (National Research Center for Rehabilitation Technical Aids, China)

### Scientific Program Chair:

Michael NILSSON (University of Newcastle, Australia)

### Scientific Program Co-Chairs:

Jue WANG (Xian Jiaotong University, China)  
Raymond Kai-Yu TONG (The Chinese University of Hong Kong, Hong Kong, China)  
Takenobu INOUE (National Rehabilitation Center for Persons with Disabilities, Japan)  
Wen-Ming CHEN (University Of Shanghai for Science & Technology, China)

### Publication Chairs:

Chuanxin NIU (Shanghai Jiao Tong University, China)  
Nur Azah Binti HAMZAID (University of Malaya, China)  
Shuai GUO (Shanghai University, China)

### Workshop Chairs:

Jie JIA (Huashan Hospital, Fudan University, China)  
Karen BEARD-GREER (Independent Living Service New Zealand, New Zealand)  
Shih-Ching CHEN (Taipei Medical University, Taiwan, China)

### SIC Chairs:

Dingguo ZHANG (Shanghai Jiao Tong University, China)  
DuoJin WANG (University of Shanghai for Science & Technology, China)  
Jawn LIM TZE-HIN (Singapore Institute of Technology, Singapore)  
Olivier LAMBERCY (ETH Zurich, Switzerland)

### Publicity Chairs:

Fang PU (Beijing University of Aeronautics and Astronautics, China)  
Jung KIM (Korea Advanced Institute of Science and Technology, South Korea)  
Shih-Ching CHEN (Taiwan Rehabilitation Engineering and Assistive Technology Society, Taiwan, China)  
Wantanee PHANTACHAT (National Electronics and Computer Technology Center, Thailand)

### Contact:

i-CREATe2018 Secretariat  
Email: [i-create2018@rehabmg.com](mailto:i-create2018@rehabmg.com)



上海理工大学  
UNIVERSITY OF SHANGHAI FOR SCIENCE AND TECHNOLOGY



Universität Hamburg  
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# The 2<sup>nd</sup> Shanghai International Symposium on Human-Centered Robotics

(HCR 2018)

Shanghai, China, July 14-16, 2018

## Call for Paper



### Organizers

University of Shanghai for Science and Technology(USST)  
Institute of Aerospace System Engineering Shanghai(ASES)  
University of Hamburg, Germany

### General Chair:

Jianwei Zhang, U Hamburg

### General Co-Chair:

Robert Riener, ETH  
Hongliu Yu, USST  
Feizhou Shi, ASES

### Program Chair:

Wei Tech Ang, NTU

### Program Co-Chairs:

Meng Chen, ASES  
Qining Wang, PKU  
Georg Rauter, ETH/U Basel  
Bingshan Hu, USST

### International Committee

Alois Knoll, TU Munich, Germany  
Etienne Burdet, Imperial College London, UK  
Oussama Khatib, Stanford University, USA  
Dezhen Song, Texas A&M U, USA  
Yong Yu, Kagoshima U, Japan  
Jiping He, ASU, USA  
Amir Shapiro, BGU, Israel  
Shaoping Bai, AAU, Denmark  
Zhen Luo, UTS, Australia  
Shigang Yue, U Lincoln, USA  
Zhen Liu, Nagasaki Institute of Applied Science, Japan  
Jianda Han, SIA, China  
Zhiwei Luo, Kobe U, Japan  
Chi Zhu, Maebashi Institute of Technology, Japan  
Wenwei Yu, Chiba U, Japan  
Jung KIM, KAIST, Korea  
Haoyong, Yu, NUS, Singapore

### Organization Chair

Qingdu Li, U Hamburg

### Organization Co-chairs

Chaoli Wang, USST  
Dawei Zhang, USST  
Dingguo Zhang, SJTU  
Linna Wu, ASES  
Hao Ding, ABB

### Organization Committee

Wenming Chen, USST  
Song Tang, U Hamburg  
Minghui Wang, USST  
Qiaoling Meng, USST  
Dingguo, Zhang, SJTU

**Location:** The 2<sup>nd</sup> Shanghai International Symposium on Human-Centered Robotics (HCR 2018) will take place in Shanghai Everbright Convention & Exhibition Center, Shanghai, China, during July 14-16, 2018.

**Theme: AI Enhanced Robots: Assistance to Life.** Innovative results on medical, rehabilitation service and aerospace robotics are invited, such as dysfunction assistant robot, intelligent robots in rehabilitation and physiotherapy, body assistance robots in astronautics, mechanism design theory and method of wearable robots, intelligent perception and cognition in communion robots, biomechanical modeling and simulation in human-machine communion, dynamics and control in robot communion, control theory for remote man-machine collaboration, and other human-centered intelligent systems.

**Participants:** Prospective academic and industrial researchers from the fields of service, medical, rehabilitation, and aerospace robotics are welcomed to participate in HCR 2018([www.icreate-china.com/HCR-2018](http://www.icreate-china.com/HCR-2018)).

**Technical Tours:** We will arrange a visit to Rehabilitation robotics laboratory in University of Shanghai for Science and Technology, Institute of Aerospace System Engineering Shanghai and Robot Industrial Park in Shanghai Lingang industrial district.

**Local Attractions:** Shanghai offers many spectacular views and different perspectives, ancient and modern, Eastern and Western, high-speed and slow-paced. For sightseeing in Shanghai, you could visit 20 landmarks, e.g., the Bund, Yu Yuan Garden, etc.

### Paper Presentation:

Manuscripts should be no longer than 4 pages, in double column format. The accepted papers will be published and indexed in ACM digital Library and EI.

### Important Date:

Paper submission deadline: March 15, 2018

Notification of acceptance: May 15, 2018.

**Website:** [www.icreate-china.com/HCR-2018](http://www.icreate-china.com/HCR-2018)