Call For Papers

The 49ᵗʰ ISR

(International Symposium on Robotics)

The 49th ISR (International Symposium on Robotics)

Theme

DEPLOYABLE INTELLIGENT ROBOTS – Technologies and Best Practices for integrating AI in robot systems and for facilitating easy deployment of robots in broad applications.

Date and Venue

Date: July 6-7, 2017

Venue: National Exhibition and Convention Center （Shanghai）

Organization Chart

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CALL FOR ABSTRACT

Topics

The symposium is based on industrial requirements. Industrial papers related to applications and case studies are welcome. Original contributions on topics related (but not limited) to the following are invited:

1. Design Methodology
- modeling, planning and control
- mechanisms and kinematics
- calibration and identification
- AI and Robotics (learning/ adaptation, reasoning, cloud，etc.)

2. Components & Technologies
- sensors (vision / tactile / auditory)
- visual servoing and tracking
- actuators and controllers
- robot end-effectors / robot infrastructure
- materials

3. System Integrartioin
- autonomous vehicles (land, sea, and air)
- mobile manipulation
- collaborative robots / human-robot interaction
- Safety issues
- benchmarking / experimental practices

4. Robotics in Intelligent Manufacturing

- assembly, handling, painting, machining, processing, logistics etc.
- robot programming and languages
- intelligent manufacturing systems
- safe human-robot-cooperation / cooperating robots

5. Robotics in Service

- home & office robotics
- SR for professional services
- rescue / surveillance / security / defence robotics
- assistance / rehabilitation / medical robotics
- educational and entertainment robotics
- exploration / space / aerial / underwater robotics

6. Robotics in Innovative Applications

- food / pharmaceutical / biology robotics
- micro / nano robotics
- network and ubiquitous robotics
- biologically inspired robotics: humanoids / biomimetics / legged robots

7. Platforms, Education, Accelerators

- standards / testing / assessment
- safety /reliability
- finance/ profitability
- education/ training
- acceleration

IMPORTANT DATES

- Deadline for abstracts: April 30, 2017
- Deadline of acceptance: May 20, 2017
- Deadline for full paper: June 10, 2017

ABSTRACT SUBMISSION

The official language of the 49th ISR is English. Please fill in the form below for your abstract submission.

	中文	英文*
姓名* NAME		
职位* POSITION		
单位（学校）名称* COMPANY (COLLEDGE) NAME		
国家* COUNTRY		
所在城市 CITY		
电话* MOBILE PHONE		
E-mail*		
所属的征集范围* AREA OF THE SYMPOSIUM TOPICS		
分享方式*（可多选） PRESENT THE PAPER	□ 演讲 PRESENTATION □ 海报 POSTER	□ 演讲 PRESENTATION □ 海报 POSTER
预计发言的题目* TITLE OF PROPOSED PRESENTATION		
预计发言时长（分钟）* LENGTH OF PRESENTATION (IN MUNUTES)		
预计听众会感兴趣的理由* PLEASE LIST THE THREE MAIN POINTS ATTENDEES WOULD LEARN FROM YOUR PRESENTATION	1、＿＿＿＿ 2、＿＿＿＿ 3、＿＿＿＿	1、＿＿＿＿ 2、＿＿＿＿ 3、＿＿＿＿
论文摘要*（不少于 500 字） A BRIEF ABSTRACT		

*为必填项 NECESSARILY

NOTICE

1. The abstract shall be submitted no later than April 30, 2017. If your abstract passes the preliminary evaluation, we shall get back to you at your e-mail or by your phone. Then you shall submit the draft of your paper accordingly.

2. The draft paper shall be reviewed by at least two experts from the ISR Technical Program Committee and you will receive feedback on the possible revision of your paper. The ISR

Technical Program Committee is entitled to the sifting and sorting of all papers submitted.

3. The registered author will have the opportunity to present the paper at the National Exhibition and Convention Center （Shanghai）. You may choose from below:

A. Presentation: the author will deliver a 20 minute presentation following a 10 minute Q&A.

B. Poster: the Poster will be displayed at the fixed exhibition area with a fixed size of 1m x 0.8m.

4. In addition to papers, the conference also accepts video, PPT and other forms of contribution.

PUBLICATION

- Accepted papers will be published in the proceedings of the 49th ISR. Selected papers will be published in the Engineering Journal and the Industrial Robot, and the International Journal of Social Robotics.
- In addition to papers, the conference materials will also include accepted video and PPTs, but those will not be published.

AWARDS

- A prestigious certificate will be awarded to each author with a published paper in the proceeding of the 49th ISR.
- The best papers selected by the Technical Program Committee will be announced and presented with an award at the Symposium.

CONTACT

论文投稿、会议赞助、媒体合作、会议咨询请与我们联系：

For questions please contact the 49th ISR secretariate at:

Tel：86-10-68594830

E-mail：cria@mei.net.cn