



## The 6<sup>th</sup> RSI International Conference on Robotics and Mechatronics (ICRoM 2018)

23-25 October 2018 | Iran University of Science & Technology | Tehran | Iran

### Objective:

The 6<sup>th</sup> RSI International Conference on Robotics and Mechatronics (ICRoM 2018) is organized by the Robotics Society of Iran (RSI) with the support of the Academy of Sciences of IR Iran, and collaboration of related scientific societies. This conference will be held to bring the relevant communities together, to exchange ideas and to create fruitful connections between active researchers and industrial professionals in these fields. The original research papers reported on the leading edge of science and technology will be peer-reviewed and presented in this conference, in order to consolidate the state of the art advancement in key areas of robotics and mechatronics.

### Conference Topics:

The conference topics include (but are not limited to):

Industrial robots, serial and parallel manipulators, mobile and legged robots, humanoids, bio-inspired robots, field and service robotics, social robotics, underwater and space robots, aerial robots, probabilistic robotics, micro- and nano-robots, reconfigurable robots, kinematics and dynamics, design and optimization, sensors, actuators, drivers, motion planning, trajectory generation, cooperation and coordination, object manipulation, motion and force control, cognitive robotics, machine vision, speech recognition, intelligent robots and mechatronics systems, learning robots, calibration, identification, telerobotics, haptics, telesurgery, visual servoing, rehabilitation, automation, field instruments, measurement systems, MEMS, opto-mechatronics, embedded systems, new and emerging frontier fields of advanced intelligent robotics and mechatronics.

### Organized by:

The Robotics Society of Iran (RSI) | The Academy of Sciences of IR Iran

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### Important date:

Paper Submission: **June 11, 2018**

### Index and Journal Publication:

The official language of the conference is English. All papers are subjected to be included in the IEEE Xplore digital library and indexed by EI/Compendex, provided that they are presented at the conference. Selected papers are considered for possible Journal publications in the *International Journal of Robotics, Mechatronics Magazine*, and other scientific-research approved journals.