

## 2017 IEEE/SICE International Symposium on System Integration (SII2017)

### Special Session on

### “System Integration in Soft Robotics II”

#### organized by

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## Call for Papers

**Theme:** As a continuity of the success of the special session on Soft Robotics in SII 2016, we would like to solicit original submissions on system integration in any field of soft robotics in this year SII 2017. Soft Robotics is characterized by the utilization of soft materials with morphological computation for accomplishment of various tasks that may not be implemented easily by conventional robots. This research field allows the integration of novel actuators and sensors with suitable control strategy in bio-inspired designs of human machine interactions.

### Topics of interest include, but are not limited to:

- Bio-inspired soft mechanisms
- Flexible and soft sensors
- Design of compliant mechanisms
- Soft object modelling
- Control of elastic soft mechanisms
- Evolving robots
- Morphological computation
- Soft locomotion
- Soft haptic display and interface

**Submissions Procedure:** All the instructions for paper submission are included in the conference website <http://www.sii2017.org>. A good quality paper may be considered for publication in IEEE Transactions on Industrial Informatics subjects to further rounds of review

### Deadlines:

Reception of full paper:	June 30, 2017
Paper acceptance notification:	September 20, 2017
Camera ready paper reception:	October 20, 2017