

Technical Committee on Soft Materials

Soft Materials as Intelligent Sensors and Actuators for System Integration

1. Goal

Grasp “soft materials” as bio-mimetic intelligent sensors and actuators for various system integration technologies, and widely spread the soft-material based devices to various industrial fields.

2. Problem

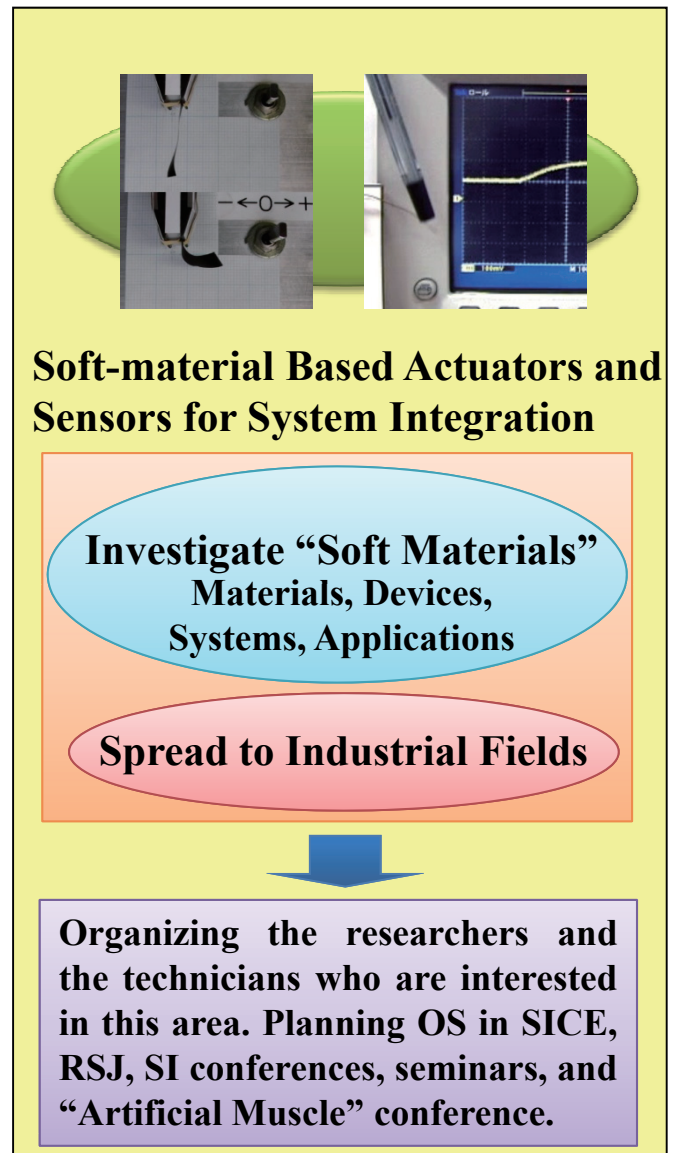
Both academic and industrial societies have not yet widely known soft-material based devices as useful intelligent tools for various system integration technologies.

3. Strategy

- Enlightenment by planning seminars and organized sessions to study from basic to application of soft-material based devices.
- Planning conferences to discuss on the essence of soft-material based devices for a system integration.

4. Activity Plan

- Planning Organized Session (OS) “Artificial Muscle Actuator and Sensor” in ICCAS-SICE2009, RSJ2009, SI2009
- Planning “4th Artificial Muscle Conference” will be held in Osaka on November 25-27.



URL: <http://www.ac.ctrl.titech.ac.jp/tcsm/>

Organizers (2009)

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