

# Technical Committee on Robotics

## Robotics as System Integration

Explore the essence of “integration & fusion” engineering through robotics

### 1. Goal

Grasp "robotics" as a traversal integration technology of various core technologies, deepen discussions on the essence of system integration, and widely spread robotics technologies to various industrial fields.

### 2. Problem

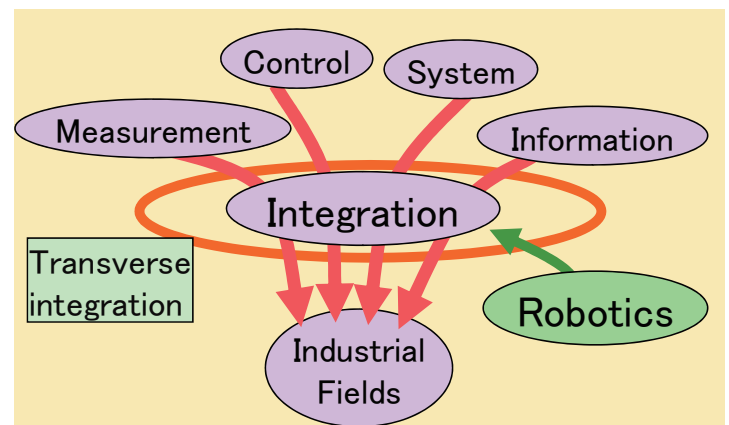
Both deepening each core technology and application by integration of those technologies have been actively done. Nevertheless, development of a system of “integration & fusion” engineering is not sufficient yet.

### 3. Strategy

- Enlightenment by planning lectures, seminars and organized sessions to study from basic to application of robotics.
- Planning workshops to discuss on the essence of robotics as a system integration.

### 4. Activity Plan

- SICE seminar series “Robotics –Theories & Practices on Robot Control –”
- Making new textbook of robotics through the above seminar activities.



Grasp “robotics” as a system Integration technology.

- Organic cooperation of various core technologies.
- Transverse integration techniques.
- What is the essence of the "System Integration"?



Through seminars and organized sessions,

- Discuss the essence of system integration from the viewpoints of both bases and applications,
- Promote the diffusion of system integration technology to industrial fields.