

Technical Committee on Mechatronics System Engineering

1. Goal

Mechatronics is the interdisciplinary engineering with the synergistic combination of mechanical engineering, electrical engineering, electronics, and control engineering. The field covers a wide range of industrial applications, e. g., manufacturing automation, robotics, servo systems, etc. The mission of the committee is to probe novel development of mechatronics field in system integration aspects.

2. Problem

Mechatronics consists of various core technologies which have been deeply developed. It is difficult to obtain specific knowledge of the core technologies in different fields, especially, in the integration aspects.

3. Strategy

- Sharing knowledge of advanced mechatronics systems by planning lectures and laboratory visits.
- Investigating synergistic integration issue of mechatronics systems by planning seminars and discussions.

4. Activity Plan

- Lectures on “Advanced mechatronics systems” and laboratory visits.

