## Let's build robots and control them!

**Faculties:** O Assoc. Prof. Dai Owaki (022-795-4064, <u>owaki@tohoku.ac.jp</u>), Prof. Satoshi Tadokoro, Prof. Kazuya Yoshida, Prof. Koichi Hashimoto, Prof. Yasuhisa Hirata, Prof. Mitsuhiro Hayashibe, Assoc. Prof. Masashi Konyo, Assoc. Prof. Yusuke Tamura

- Students will create robot hardware to achieve target motions and develop software to drive and control the hardware using computers.
- To acquire practical basic knowledge of engineering such as computer control, interface, machine design and production, mechatronics, artificial intelligence, electronics, and programming.
- To develop creativity by devising ideas for realizing targeted robots.

**Students:** 30 people (max) **Activities** are conducted in each laboratory (about once a week).

## **Presentations:**

Mid-term presentation (in each Lab) Final presentation (mid-January)

