

Collaboration between Tohoku University, INSA Lyon and the Ecole Centrale de Lyon

ELyT School 2016 in Sendai: a moment of exchange and discovery!

The eighth edition of the summer school "ELyT School" took place from August 29th to September 6th, 2016 in Sendai (Japan) in the framework of the CNRS International Associated Laboratory (LIA) "[ELyT lab](#)" (Engineering Lyon Tohoku lab), composed of engineering research laboratories from Tohoku University in Sendai and from Université de Lyon (mainly INSA Lyon and ECL). This year, ELyT School was organized as an event of the "Tohoku Forum for Creativity" program: "Comprehensive Research on Materials, Systems and Energy for a Sustainable Future of the Earth".

This summer school is organized every year (alternating between France and Japan) with the aim of presenting the partner institutions to students from the other country (mainly Master students, to encourage the creation of jointly-supervised Ph.D. research projects). In addition, the ELyT School was opened to common partners of the member institutions, from Japan (Tokai University), China (Tsinghua University and Nanjing University of Aeronautics and Astronautics) and Europe (KTH in Sweden). A total of 44 students (including 8 from ECL, 13 from INSA and 1 from ENISE) participated in this summer school.

The program included scientific activities related to the theme "Energy, Environment and Safety" with scientific presentations given by Japanese and French professors, research work in small groups on this subject with oral presentations, a tour of a natural gas power plant, a site producing photovoltaic energy and a car production plant, student presentations and campus tours of TU and its laboratories, to increase awareness of research that might be of mutual interest, and cultural and tourist activities (tea ceremony, presentation of Japan and its history, trip to Hiraizumi...). The ELyT School ended with a traditional Japanese banquet sponsored by the French Embassy in Tokyo.

Amongst the many positive results from this meeting of the ELyT School, we should emphasize:

- The excellent quality of the student presentations on their group work;
- The high level of the scientific presentations from the lecturers;
- The many and various exchanges between the students, which will lead, we hope, to lasting friendships and cooperation...

The French participants are ready to welcome their new friends and other students, for the next edition to be held in Lyon in 2017!

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Group photo at Katahira campus of TU



The group of students and professors during the visit of the site producing photovoltaic energy



Traditional tea ceremony



Welcome party



Work time

Pictures: TFV (picture 1), Vincent FRIDRICI (pictures 2, 4, 5) and Jiahua ZHOU (picture 3)