The summer school at SIT was held at Toyosu Campus of Shibaura Institute of Technology (hereafter SIT) from August 28 to September 10, 2019. The summer school is organized with AGH University of Science and Technology (hereafter AGH) and SIT. The number of students of SIT were ten and the number of students of AGH were eleven. The participating professors are Prof. Janusz Szmyd and Prof. Marcin Mozdzierz from AGH and Prof. Akito Takasaki, Prof. Sota Yamamoto, Prof. Shinji Hashimura, Prof. Shingo Maeda, Prof. Yuko Yamashita, Prof. Alicja Klimkowicz and Prof. Naoki Hosoya.

Below is the rough PBL schedule.

8/28(Wed)
10:00-12:00 Opening ceremony, Self -introduction, Group forming, Paperwork
13:00-17:00 Campus (Lab) tour (Toyosu walk), Ice breaking
17:00-Welcome party in Toyosu area
9/4(Wed)
10:00 -12:00 Japanese class
13:00 -17:00 mid-term presentation (progress report)
9/5(Thu)
*Field Trip (meeting point and time will be informed later)
Iwatani Hydrogen Station Shiba Koen Park
9/10(Tue)
10:00-12:00 Final presentation
13:00-15:00 Closing ceremony, certificate distribution

We set a renewable energy as a theme of this PBL. Those are a hydraulic power, a geothermal power, a solar power, a wind power and a biomass. First, they investigated a difference situation or culture between Poland and Japan. Then they studied the state-of-the-art problem in each energy field. Finally, they concluded what an optimum energy (mix) including their original idea is.