

Presentation in the summer camp

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We went to Hong Kong University of Science and Technology, and gave a presentation at July 16 to 22. The title of our presentation is “Example of Japan’s Ancient Craftsmanship ~Experiment of the main pillar~”. We had given this presentation at the Chiba University before, and we improved and improved it.

Next, I will explain about its contents. We live in Japan. Even though there are a lot of earthquakes in Japan, Gojyunoto, which is the oldest pagoda made of timber, still exists. We thought why it resisted many earthquakes. We focused on a pillar that pierces the whole of pagoda called “the main pillar” and we experimented about the relationship between the main pillar and its earthquake-resistance. We made some models of the pagoda and simulated earthquake by shaking the models. As many experiments, we convinced that the main pillar is useful for the earthquake-resistance. This structure is also used in the Tokyo Sky Tree.

We focused our presentation’s content on the main pillar to be easy to understand. When we started it, we became very nervous, but we were able to give the best presentation in foreign country. After our presentation, many students came from foreign country asked us in English. We were glad because they were interested in our presentation and we could answer the questions in English.

Finally, we got two talented prizes last day of the camp. We thought that we want to continue the experiments because we want to know more about the main pillar. We want to make some formulas for the main pillar following the way of other country team. I thank for giving this special occasion and we want to give a better one somewhere.