

2019 Activity Record

June 14th, 2019 Experiment and Seminar by OIST



Image: the students in the seminar

OIST (Okinawa Institute of Science and Technology Graduate University) is the most advanced research institute in Japan and ranked 10th in the world in the field. The experiment seminar by the four graduate students studying at doctor's program was held. In the seminar, they explained their research interest. After the seminar some experiments are conducted and our junior and high school students attended the experiments.

During the lecture, the OIST instructors talked about their research subjects and concerns. The students got interested in the study that the movement of protein in the cell surface membrane. In the experiment, the students learned how to detect fingerprints and the process guided by the instructors. Some of the students mentioned that they were able to use English expressions they have learned in the class, and they got curious about the researchers at OIST, and it seems that OIST instructors inspires the students in the field of English and Science.

June 21st and 22nd, 2019 Science Laboratory by SS club (high school students) and Science club (junior high school students) during Kyuyo Festival



Kyuyo Festival was held on the day of 21st and 22nd, and Kyuyo SS club in the field of physics, chemistry, and biology), Science club hosted "Science Laboratory", and they introduced the interesting aspect of Science.

Physics team made boomerang, gyro plane, and balancing toy with the participants and tried to make people enjoyably understand physics' phenomenon through handiwork. Chemistry group made a science show using potassium iodide and hydrogen peroxide water, and explained how catalyzer facilitate the chemical reaction. SS members in the biology section drew shining picture using the substance of UV absorber that was extracted from the skin of Beniimo which is certain type of potato grown in Okinawa, and also explained what the UV absorber was about. Science club of junior high school students explained the interesting aspect of the structure of the leaf through a vein specimen using familiar plants, and also talked about the character of biaxial orientation of the polyethylene through making plastic plates. A lot of visitors came to the show, and experienced the fun of science through experiments and

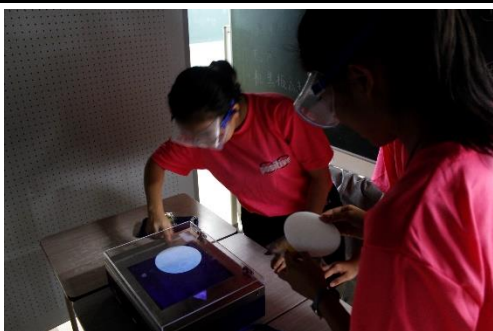


Image: Experiment in the Science Laboratory

handicrafts. There were research posters on the wall about what the students had worked on, and the students got many questions and got many advices, which encourages the students to join the various activity and keep on what they have worked!

June 26th, 2019 SSH Lecture “Basic Lecture for Intellectual Property”



Image: the instructor and students in the lecture

Basic lecture for Intellectual Property was held on 26th of June as SSH lecture. Mr. Abe Shinichi, who is a patent attorney of international patent office, was invited as the instructor.

SSH has had many researches and what have found becomes an important intellectual property. This lesson was provided to learn how to protect them. The instructor explained “what is intellectual property?” and “the process of patent”, the shoes of Michel Jackson, turn table for microwaves, traffic signs and other patents, and showed the students examples that other students has taken the patent that was discovered through the study. The students learned many things in the lesson.