

Form B-2
(FY2022)
Must be typed

Date (日付)
22/07/2022 (Date/Month/Year: 日/月/年)

Activity Report -Science Dialogue Program-
(サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Xiaoxiao Chen (ID No.P21705)
- Name and title of the lecture assistant (講義補助者の職・氏名)
Hitomi ITO
- Participating school (学校名): FUJISHIMA Senior High School
- Date (実施日時): 13/07/2022 (Date/Month/Year: 日/月/年)
- Lecture title (講義題目):
Carbonaceous-based porous hydrogels for highly efficient desalination of high-salinity brine
- Lecture format (講義形式):
◆ Onsite ・ Online (Please choose one.)(対面 ・ オンライン(どちらか選択ください。))
◆Lecture time (講義時間) 40 min (分), Q&A time (質疑応答時間) 15 min (分)
◆Lecture style(ex.: used projector, conducted experiments)
(講義方法 (例: プロジェクター使用による講義、実験・実習の有無など))
Using the projector and doing the lecture online.
- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.
Before the lecture, I sent the glossary and some related videos in advance for a better understanding of my research.
During this lecture, I introduced myself and shared my opinions about PhD and scientific research, as well as some interesting stories that happened during my research.
Firstly, I introduced myself and the city where I was studying in. Some famous, typical, and interesting things symbols in that city were described. Then what is the PhD and scientific research were explained by using some pictures. Secondly, I tried to illustrate some basic concepts/points in my work, for instance, solar-driven evaporator, solar-thermal conversion, how to stabilize the bubbles... Thirdly, two interesting stories about how to use bubbles as the templates to make porous architectures in the hydrogels were shared based on some interesting results and images. Lastly, some promising applications were described.
After I finished the introduction of my work, it was the time for questions and discussion with students.

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※弊会記入欄

◆Other noteworthy information (その他特筆すべき事項):

No.

- Impressions and comments from the lecture assistant (講義補助者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。):

Hitomi ITO sensei at the FUJISHIMA Senior High School is extremely kind, pleasant, and helpful. She suggested me to provide some related videos in advance, and gave me some attention points for a better and easily understandable lecture. She organized the lecture in order. Her kind help and arrangements for the lecture are highly appreciated.