

Form B-2
(FY2022)
Must be typed

Date (日付)
03/10/2022 (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): ILIAN HAEGGMARK (ID No. P21759)
- Name and title of the lecture assistant (講義補助者の職・氏名)

- Participating school (学校名): 東京都立戸山高等学校
- Date (実施日時): 30/09/2022 (Date/Month/Year: 日/月/年)
- Lecture title (講義題目):
X-ray imaging and phase contrast
- 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) 80 min (分), Q&A time (質疑応答時間) 20 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))
Power-Point presentation
- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.

My lectures consisted of three parts:

1. My home country, Sweden (30 min)
2. About myself and why research is an interesting and rewarding career (10 min)
3. Introduction to X-ray imaging and my specific research topic (40 min)

The first section was written with a focus on science, e.g., Swedish scientists that the students probably didn't know, but maybe knew about the results of the research (example: Anders Celsius and the temperature scale). Some basic facts about Sweden, its economy, and its location were also included. In the second part I briefly introduced myself and my own study path from high school to university. I talked also about differences between high school in Sweden and Japan, and finally about reasons why I think pursuing a career in science can be interesting and rewarding. In the third part I talked about X-ray imaging. First about the history and basic concepts and then about the problems my own research is trying to address. I ended with some application examples, e.g., how new methods can improve X-ray imaging of mice in lab research.

SD

※弊会記入欄

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

None

- 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。):