

(For JSPS Fellow)

Form B-5

Date (日付)

20/1/2018 (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): Zhengfei Chen (ID No. P17717)
- Participating school (学校名): Kyoto Prefectural Yamashiro High School
- Date (実施日時): 20/1/2018 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): A brief introduction to a special liquid, ionic liquid
- Name and title of your company (同行者 職・氏名)
Mr Yamamoto Hiroki 山本 大樹
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 20 min (分)
 - ◆Lecture style (ex.: used projector, conducted experiments)
(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))
Only power point projector was used to conduct the lecture
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

This lecture was given to a group of 40 Grade one students. In this lecture, I firstly introduced my personal background such as my education and work experiences, followed by some introduction on Australia. In this part, students were asked some questions to break the ice. The second part of my lecture was most focused on why I became a researcher in science through my own personal experiences. Finally, I introduced my research on ionic liquids and batteries and gave the reasons why I chose these topics for my research. I did not get into too much details about my research, which would be too hard for students. At the end of the my presentation, I also gave some advice on how to become a researcher.

After my presentation, the students were encouraged to ask questions about the content of the lecture and it seemed that they were quite active. About 6 students asked questions about research and science life. Overall, the lecture went very well.
- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

More interactions with students during the lecture may be used, such as asking students questions.

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

No.

- Impressions and opinions from a company (同行者の方から、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。)

It must be an intensive opportunity for high school students to have a lecture from a researcher being on the cutting edge of technology. Students asked many questions to the lecturer, so the lecture was interactive. Group works (students' discussing about a topic in a group and presenting it) may be also a good way of making the lecture interactive.