

Form B-2  
(FY2021)  
Must be typed

Date (日付)  
14/07/2021 (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): Ruilin Zheng (ID No. P20051 )

- Name and title of the accompanying person (講義補助者の職・氏名)

- Participating school (学校名): Fukui Prefectural Fujishima High School

- Date (実施日時): 14/07/2021 (Date/Month/Year: 日/月/年)

- Lecture title (講義題目):

Luminescent glass and ceramic

- 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) 50 min (分), Q&A time (質疑応答時間) 40 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))

used projector

- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.

This presentation is divided into two sections. The first part is about some self-presentation, including my personal information, where do I come from and some professionally. The second section is about some basic knowledge of my research, including optical glass, transparent ceramic, phosphor, LED device and LED lighting. In the second part, I introduced the definition of glass in detail, how to prepare glass, and showed them some pictures of common optical glass. Besides, I also show them what is transparent ceramic, how to prepare it and what is the different between glass and ceramic. Finally, I introduced to them the application of luminescent glass ceramics in semiconductor lighting field and some basic principles about LED devices.

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

- Impressions and comments from the accompanying person (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。):