

(For JSPS Fellow)

Form B-2
(FY2018)

Date (日付)
01/02/2019 (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): Bin Chen (ID No. P18392)
- Participating school (学校名): Tosu high school
- Date (実施日時): 29/01/2019 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): Report on optical sensors
- Name and title of your accompanying person (講義補助者 職・氏名)
Yuko Oiwa (Tosu high school)
- Lecture format (講演形式):
◆Lecture time (講演時間) about 50 min (分), Q&A time (質疑応答時間) about 25 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))
used projector
- Lecture summary (講演概要): Please summary your lecture 200-500 words.
I make simple introduction on myself, the university that I am working at and the country that I come from. After that, I introduced the basic knowdge related with my research, such as the localized surface plasmon resonance of Au nanoparticles and their gas sensing performance. In addition, the fluorescence analysis method for heavy metal ions detection including Hg²⁺ and Ag⁺ through quantum dots and carbon dots. For further application, design and development of the portable gadgets were considered, which have wider application prospects.
- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):
Nothing special
- Other noteworthy information (その他特筆すべき事項):
Nothing special
- 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。)
Nothing special