SD
※弊会記入欄

Form B-2
(FY2022)
Must be typed

Date（日付）
18/01/2023
（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）: Shuyi Liu （ID No. PE22006 ）

- Name and title of the lecture assistant（講義補助者の職・氏名）
Takashi Kumagai, Associate professor

- Participating school（学校名）: Gifu Prefectural Kamo High School

- Date （実施日時）: 18/01/2023 （Date/Month/Year:日/月/年）

- Lecture title（講義題目）:
Visualizing the atomic world

- 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） 60 min（分）, Q&A time（質疑応答時間） 5 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.

The natural world in our daily life is basically governed by the Newton's equation. But the world at atomic scale is very different from that in our daily life, which is the "quantum world" basically governed by the Schrödinger's equation. The atoms are too small to see by the optical microscope, but they can be visualized by touching with the apex of a needle. I mainly shown the novel quantum world to the students in my lecture. The quantum theory and its important applications were introduced. Before go to the scientific part, I also introduced my study life in China, Germany and Japan.

◆Other noteworthy information（その他特筆すべき事項）:
- 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。）:
It is good enough. It is maybe better to extend the lecture time a bit more.