

(For JSPS Fellow)

Form B-5

Date (日付) 16/10/2013 (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): Michele DALL'ARNO (ID No. P) 12019
- Participating school (学校名): Konko Gakuen Junior and Senior High School
- Date (実施日時): 16/10/2013 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Doing Research in Quantum Physics
(in Japanese) 量子物理学の研究(りょうし ぶつりがくの けんきゅう)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.
In the first part of my lecture (20 min) I shortly described my life as a researcher. I attracted students' attention on interesting topics such as the culture, history, or typical food of the countries I lived in. Then I introduced Physics (25 min), and in particular Quantum Physics, providing some qualitative examples of its most fascinating applications. The students seemed to be very interested in quantum superposition, quantum entanglement, quantum teleportation, quantum cryptography, and quantum computers. I encouraged them to ask questions at any time (both in Japanese and English), and I left 5 min for discussion at the end of the lecture.
- Language used (使用言語): 日本語, English
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 45 min (分), Q&A time (質疑応答時間) 5 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
 - ◆Interpretation (ex.: assistance by accompanied person, provided Japanese explanation by yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))
Most of the lecture given in Japanese (slides both in 日本語 and in English), some additional detailed explanations in English
 - ◆Name and title of accompanied person (同行者 職・氏名) None
 - ◆Other note worthy information (その他特筆すべき事項): Nothing
- Impressions and opinions from accompanied person (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。): Nothing