

Form B-5

Date (日付)

_____ (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): Phillip Litchfield (ID No. P10774)
- Participating school (学校名): Aichi Prefectural Jishukan Senior High School
- Date (実施日時): 02/08/2012 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Research with neutrinos / Life in the United Kingdom
(in Japanese)

- Lecture summary (講演概要): Please summary your lecture 200-500 words.

The lecture consisted of two parts. The first ~45 minutes described my work, initially focusing on the physics involved, which is the phenomenon of neutrino oscillations. I spoke about the history of this phenomenon, and the goal of our experiment, T2K (Tokai to Kamioka). I spoke a little about the large international collaboration involved in T2K, emphasizing the way co-operation between countries has become fundamental in this kind of research. Then I discussed what it was like to work as a researcher in high energy physics, and why I enjoy it. In this part of the talk I was well assisted by Shota Takahashi and Seiko Hirota; I introduced each part in English in simple English, and all three answering questions in (English and Japanese). We had very many good questions from the students (in Japanese and English), and spent much longer in discussions than in the prepared material. I was extremely impressed by the knowledge and enthusiasm of the students, and their bravery in tackling quite complicated questions in English, even though it was possible to ask in Japanese.

The second part of the lecture (~25 minutes) discussed my home country (the United Kingdom). I chose to focus on aspects of everyday life, particularly homes and food, instead of talking about more famous things. I also spent a little time comparing Japan and the United Kingdom.

- Language used (使用言語): English with some Japanese

- Lecture format (講演形式):

◆ Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 80 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))

Digital projector using graphics

- ◆ 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))

Mostly provided by accompanying persons, a little by myself

- ◆ Name and title of accompanied person (同行者 職・氏名)

Mr. Shota Takahashi and Ms. Seiko Hirota

- ◆ Other note worthy information (その他特筆すべき事項):

Again, i was extremely impressed by the the students. They were very enthusiastic and well prepared.

- 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。)