

Form 3

Date (日付)

18/01/2011 (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 (参加外国人研究者氏名): Thomas James Bell (ID No. P 10085)

Participating school (参加機関 (受入学校名)): Tsuru High School, Yamanashi Prefecture

Date (実施日時): 14/01/2011 (Date/Month/Year: 日/月/年) Time: from 13:06 to 15:00

Lecture title (講演題目): (in English) Nuclear Power

(in Japanese) -

Lecture summary (講演概要): Nuclear power provides 11% of the world's energy and produces a large amount of energy from small amounts of fuel (Uranium), without the pollution from burning fossil fuels, such as oil and gas. After an initial introduction about England and my background, the first half of the presentation described how nuclear power works and the advantages and disadvantages of this type of power, including a look at radioactivity and the Chernobyl disaster. The second half of the presentation focused on my specific area of research which is the recycling of waste generated from the nuclear process using a novel class of solvents (ionic liquids).

Language used (使用言語): English

Lecture format (講演形式):

Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 20 min (分)

Lecture style (examples: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、プレ実験など))

I presented with the use of MS powerpoint and the chalk board. I attempted to involve the students at all times through discussion.

Interpreter (example: assistance by host or colleague, provided Japanese explanation by yourself)

(通訳 (例: 受入研究者によるサポート、外国人研究者本人による日本語説明))

The host provided interpretations where thought necessary.

Name and title of assistant (協力者 職・氏名) (example: host or colleague)

Tomoya Ashizawa (English teacher)

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

Impressions and opinions of assistant (協力者から本事業に対する意見・感想等がございましたら、お願いいたします)