

(For JSPS Fellow)

Form B-5

Date (日付)

27/08/2014 (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): Craig James (ID No. **P 13768**)

- Participating school (学校名): Aichi Prefectural Jishukan Senior High School

- Date (実施日時): 25/08/1024 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Using Neutrons to Probe the Shape of Colloidal Particles

(in Japanese) 中性子を利用したコロイド粒子の形状の探索

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

I started the lecture by introducing myself, including my background, some facts about the places I have lived in the UK and why I chose to do science. I then presented a basic introduction into the chemistry colloids, surfactants and supercritical fluids, followed by an introduction into neutron scattering. I then gave a brief overview of some of my recent research where I used neutron scattering to analyse some novel colloidal systems.

For the final part of the lecture, I talked about the importance of the English language in science and how people from all over the world perform research and interact using English. After my presentation, my accompanying person (Sagisaka-sensei) went through the slides in Japanese to ensure the students fully understood the content of the talk.

I tried to engage the student as much as possible, asking them questions during the talk and trying to interact with them during the questions sessions

- Language used (使用言語): English

- Lecture format (講演形式): **PowerPoint**

◆Lecture time (講演時間) **50 min in English followed by 40 min translation**(分), Q&A time (質疑応答時間) **15 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))

PowerPoint

◆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))

Accompanying person translated talk _____

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

Associate professor, Masanobu SAGISAKA _____

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

- 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。):