

(For JSPS Fellow)

Form B-5

Date (日付)

12/07/2012 (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): Romain FONTUGNE (ID No. P11811)

- Participating school (学校名): 静岡県立磐田南高等学校

- Date (実施日時): 11/07/2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Spot the odd one out

(in Japanese)

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

The lecture starts with a brief introduction of my hometown and France. In this introduction I present the most touristic places in France and the main characteristics of the French culture. Then I discuss my educational background, in particular, I explain where I have been studying (France, Canada, Japan) and show that English is important for studying/living abroad. My current working place, the University of Tokyo and the Esaki Laboratory is introduced.

In the second part of the lecture I speak about my research. I introduce my research with a simple game (Spot the odd one out) and show how a computer can solve this game by writing a simple program. I explain that similar programs can be used to solve real life problems and give the example of detecting Internet viruses; I introduce the basic of the Internet infrastructure and the threat of viruses on the Internet. I explain the similarities with the game introduced earlier and why the odd ones represent viruses. I show how the experiments were conducted for my research and the results. I briefly explain how we published our results (international conferences, journals) and emphasize again the need of English to communicate with research from all over the world.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 60 min (分), Q&A time (質疑応答時間) 60 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))

◆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))

The whole lecture was given in English

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

◆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。)