

Form 3

Date (日付)

7 October 2010 (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): Praveen Vakayil Karthikeyan (ID No. P 09055)

Participating school (参加機関(受入学校名)): Iwata Minami High School, Shizouaka

Date (実施日時): 29 September 2010 (Date/Month/Year:日/月/年) Time: from 1.0 pm to : 2.0 pm

Lecture title (講演題目): (in English) A Journey from Molecules to Materials

(in Japanese) 分子から材料への旅

Lecture summary (講演概要): The lecture begun with an introduction to India, the home country of lecturer, and various aspects of India were discussed like culture, language system and educational system etc. The second part of the presentation mainly involved the discussion about the previous and present research activities of lecturer. In this part, an attempt is given to present how pi-conjugated molecules synthesized in the lab can be utilized to prepare various nanomaterials having application in the area of energy transfer, white light emission, superhydrophobic surfaces and organic nanotubular assembly with interesting magnetic properties.

Language used (使用言語): 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) 15 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))

PowerPoint presentation

○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))

Assistance by host

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

Kyoko Yamamura (teacher of Biology)

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

Participating in Science Dialogue will be a nice experience for any researcher

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。):

The assistance provided by the teacher helped me a lot to reach the school and deliver a good lecture.