

(For JSPS Fellow)

Form B-5

Date (日付)

25/11/2016 (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): LE Phuong Quang (ID No. P16017)- Participating school (学校名): Iwate Prefectural Mizusawa High School- Date (実施日時): 15/11/2016 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) Science of Light: From the Colors of Things to the Renewable Solar Energy(in Japanese)

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

The first part of the lecture gives a brief introduction about Vietnam, my home country, using intuitive images and videos. Then the motivations and what interesting as being a scientist are mentioned in the second part. In the last part of the lecture, at first, the nature of light and the physical processes of the light – matter interaction are discussed. Based on these simple physical phenomena, several presentative examples about the colors of things that everybody observes in daily life are given. Finally, the importance of renewable energies, especially the solar energy, for a sustainable society of human beings, the history and current issues of the solar cell which converts the solar light to electricity, and a short introduction of my research activities on emerging solar cell materials are shown.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 110 min (分), Q&A time (質疑応答時間) 10 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))

Used projector and shown some real optical elements used in laboratory

◆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))

Assistance by accompanied person

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

Mr. Taketo Handa

◆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。):

Got great supports from the accompanied person