

(For JSPS Fellow)

Form B-5

Date (日付)

25/11/2014 (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): Tinh Quoc BUI (ID No. P14055)

- Participating school (学校名): Fukui Prefectural Koshi High School

- Date (実施日時): 22/11/2014 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Failure of Materials and Structures

(in Japanese)

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

Failure of Materials and Structures is the main topic of the lecture which could, in general, provide high school students some very basic information, knowledge and concepts of engineering materials and structures and their failure behaviors. The lecture highlights some important and essential issues regarding the failure of materials and structures, showing some examples of the failure and damage of materials and structures in reality. The lecture also addresses the motivation why such failure phenomenon must be studied thoroughly, and how they are very important to us, etc. We introduce some favorite research directions particularly in civil and mechanical engineering fields, from which the students who are interested in engineering fields may have some preliminary information in choosing a suitable direction for their higher education. That is the first part of the lecture. The second part (the last one) is to briefly introduce to students some non-science issues, e.g., some countries that we have lived and studied, experience in the study of higher education, education system, different culture, learning languages, and so on.

- 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) 30 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))

Projector, computer simulation

◆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))

Prof. Sohichi Hirose sensei also gave some comments in Japanese to students

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

Professor Sohichi Hirose, Director _____

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

N/A _____

- 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。):

N/A