

(For JSPS Fellow)

Form B-5

Date (日付)

07.12.2015

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): Christian Auel (ID No. P14776)

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

- Date (実施日時): 21.11.2015 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Hydropower

(in Japanese) すいりよく

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

I gave a lecture about the importance of renewable energy focussing on hydropower generation. I explained how to calculate the energy production using simple euqations. I condcuted an experiment using buckets and tubes to demonstrate the how water is flowing from one to another and what are the important parameter (discharge, energy head, etc.).

I also emphized the importance of learning english, traveling and studying abroad in order to better understand and communicate on a worldwide scale. Furthermore, I introduced my home country and my school system as this was asked by the teacher.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 80 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))

Yes, projector used for presentation (50 min) and experiments condcuted (30 min)

◆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))

Both

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

Takahiro Koshiba Graduate Student

◆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。):