

(For JSPS Fellow)

Form B-5

Date (日付)

05/10/2017 (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): \_\_\_\_\_ (ID No. P-  
16741 ) Jose Juan Fernandez-Melgarejo

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

- Date (実施日時): \_\_\_\_\_ (Date/Month/Year: 日/月/年)  
16/09/2017

- Lecture title (講演題目): (in English) Our Universe: from an apple to a black hole  
(in Japanese)

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

We start introducing the background of the speaker: we review the main aspects of Spain. After that, we introduce how Science works (scientific method) and we start to talk about some problems in Physics. We explain the method that physicists had since many centuries ago to do some measurements and we introduce some aspects of Special Relativity. After that, we talk about black holes and leave some open questions about the necessity of having a unique theory to describe our Universe. Finally, we provide some examples of how important is communicating with people around the world. We emphasise on the important role of women in Science and finally motivate students to enjoy whatever they decide to do.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 90 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, sound speakers and blackboard

◆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))

No assistance in Japanese.

◆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。):

Must be typed