

Form B-5

Date (日付)

30/07/2017

(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): Celeste Damiani (ID No. P 16793)

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

- Date (実施日時): 13/07/2017 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): What is a knot?

- Name and title of your company (同行者 職・氏名)  
Osaka City University

- Lecture format (講演形式):

◆Lecture time (講演時間) 60 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))

Short introduction with projector, interactive questions, experience with ropes to make, understand and classify ropes

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

I began with a short self introduction, telling about my origins, my studies, and how I became a woman in mathematics, and in Japan .

Then I will conducted an introductory workshop on knot theory, the branch of geometry in which I work. We discussed knots in real life, mathematics and other sciences, explored what are the most important questions that we can ask about knots, and tried to find some answers through hands-on experiments with ropes.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

It was a good idea to have a short (10 min) introduction to project, in order to make understandable all the words we will be saying to students that have less English skills. However, after that, some direct questions to students (ask them to introduce themselves, for example) helped them to feel more confident and start participating in a more active way. I feel that more hands-on experience and less lecture style are a good combination.

- Other noteworthy information (その他特筆すべき事項):

It would have been better to ask the responsible at the school to encourage girls to participate. There was only one girl in the room, and it's truly a pity to loose the possibility to show them that there are role models for them in science.

- Impressions and opinions from a company (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。)