

Must be typed

(For JSPS Fellow)

Form B-5

Date (日付)

18/12/2017 (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): GALLO Pasquale (ID No. P16366)

- Participating school (学校名): Okazaki High School

- Date (実施日時): 15/12/2017 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Fracture Nanomechanics

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

- 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)(total 2 hrs)

◆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))

Mainly i used projector. I brought several "samples" used in my experiments.

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

The lecture has been divided into two parts. In the first part (about 20-30 minutes), the home country of the fellow (Italy) has been introduced with particular attention regarding contributions to science.

The second part of the lecture focused on the research activity conducted at the host institution, i.e., Kyoto University. At first, a brief introduction on the motives for becoming a scientist and life as a researcher has been given to the students. Later, the fracture nanomechanics has been introduced by some basic but fundamental definitions and examples. In the end, an example of experiments conducted at Kyoto University has been given to the students, with particular emphasis on the physical meaning of the results achieved. Some final considerations on the importance of the English language in the scientific community and everyday life closed the lecture.

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

Students may be very tired. My suggestion is to keep their attention by practical exmples, videos, and some "funny" moments. Interaction with the students during the presentation is important.

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

- 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。)