

(For JSPS Fellow)

Form B-2
(FY2018)

Date (日付)
31/01/2019 (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): Trindade Goncalves, Francisco Jose (ID No. P17316)

- Participating school (学校名): Wakayama Prefectural Koyo High School

- Date (実施日時): 31/01/2019 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): 'The Amazing World of Magnetism'

- Name and title of your accompanying person (講義補助者 職・氏名)
Mr. Yusuke Shimamoto (MSc student)

- Lecture format (講演形式):

◆Lecture time (講演時間) ~60 min (分), Q&A time (質疑応答時間) ~10min (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))

(used projector, conducted experiments, used video camera to show the experiments to the whole classroom.)

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

(1) I began by introducing my self and the accompanying person. This was followed by a 20 minutes presentation about my home country and the experience I gained as I travelled around the world (in context of a scientist). (2) Presented the various steps I took in order to become a scientist. Starting from the high school times I went on to explain the various stages of my career as a researcher (MSc, PhD, postdoc, etc). (3) Described my life and work experience in Japan as aJSPS research Fellow. (4) Introduced my research group and then I presented some simple explanations of 'Superconductivity', following a live demonstration of magnetic levitation. (5) At the end, several students asked questions and showed interest in participating in the experimental demonstration.

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):
Worthwhile experience. The students seemed to have enjoyed listening to my life experience and to learn a bit about science. Be enthusiastic and try to use multi-media as much as possible. Speaking slowly helped getting the messages across.

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

Prof. Nakamura, Prof. John (apologies for not knowing his family name) kindly helped with everything.

- Impressions and comments from the accompanying person (講義補助者の方から、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。)

Mr. Shimamoto is very enthusiastic about his (our) research so he was able to get the message across in Japanese when necessary. Definitely and important part of this initiative.