

(For JSPS Fellow)

Form B-5

Date (日付)

17/02/2016 (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): Fabio Denis Romero (ID No. P 15036)
- Participating school (学校名): Yamagata Prefectural Yonezawa Kojokan Senior High School
- Date (実施日時): 09/02/2016 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Transition Metal Oxide Materials by Design
(in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

Complex metal oxide materials, solids containing two or more metals and oxygen, are some of the most important materials known today. When atoms are put together to form a three-dimensional substance, the properties of the substance are governed by how the electrons interact with each other. The interaction between electrons and the orbitals they reside in with each other gives rise to a phenomenal array of physical, electronic, and magnetic properties.

- Language used (使用言語): _____

English

- Lecture format (講演形式):

◆Lecture time (講演時間) 60 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_

◆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))

none

◆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。):