

(For JSPS Fellow)

Form B-5

Date (日付)

02/12/2015 (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): Shiguang PAN (ID No. P15039)- Participating school (学校名): Nagano Prefecture Suwa Seiryō Senior High School- Date (実施日時): 26/11/2015 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) Polymer-Supported Metal Catalysts for Aqueous Organic Transformation(in Japanese)

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

The main topic of the lecture is green and sustainable organic synthesis: organic reactions in water. After a short introduction of myself and my home country, I explained the reasons why I chose chemistry as my "career" and why came to Japan for studying chemistry. Then I talked about why we need to perform organic reactions in water and to recover and reuse the catalyst, and explained this is an important point for industry. Some results of our research, including the preparation of polymer-supported metal catalysts and their applications to oxidation of alcohols under batch and continues-flow conditios, were presented. Finally, the equipments in our lab were introduced.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 55 min (分), Q&A time (質疑応答時間) 35 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))

Powerpoint presentation through a 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))

Japanese explanation was given by Suwa Seiryō Senior High School English teacher

◆Name and title of accompanied person (同行者 職・氏名)

None

◆Other note worthy information (その他特筆すべき事項):

Must be typed

- 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。):