

(For JSPS Fellow)

Form B-5

Date (日付)

26/07/2016 (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): Dechant Andreas (ID No. 15324)

- Participating school (学校名): Takefu Highschool

- Date (実施日時): 13/07/2016 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Diffusing to Japan

(in Japanese)

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

I started by introducing my home country, Germany. I gave some general facts and compared Germany and Japan, before giving my personal impressions about both countries.

In the second part of my presentation, I explained why I decided to become a scientist and told the students what a theoretical physicist actually does. Starting with a brief summary of my scientific career so far, I went on to discuss my personal motivation to do science, which is curiosity and a desire to find out how things work and why they work as they do. I talked about my view on physics before and after I became a physicist. Since most students probably do not know what a theoretical physicist actually does, I told them about my typical working day and what tools I use in my research. I also gave them the basic idea of what is important in my particular field of research (statistical physics). I concluded the second part with some advice of what a good scientist needs and what is enjoyable about being a physicist.

In the last part of my talk, I tried to stress the importance of studying foreign languages and engaging in international activities. Again, I started with my personal motivation for coming to Japan and how working abroad can benefit one's career and personal life. I told the students that science and physics in particular is becoming more and more international and how conversing with scientists all over the world is both necessary and enjoyable. I concluded with some hints how to improve their English speaking ability and how to look for international study opportunities.

As I was running out of time, I did not manage to discuss my current research in much detail.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 45 min (分), Q&A time (質疑応答時間) 5 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))

Presentation using 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)

none

◆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。):