

(For JSPS Fellow)

Form B-5

Date (日付)

21/07/2015 (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) :
ZAMBELLI LAURA (ID No. P14731)

- Participating school (学校名) :
Ibaraki Prefectural Namiki Secondary School

- Date (実施日時) :
03/07/2015 (Date/Month/Year:日/月/年)

- Lecture title (講演題目) : (in English)
Neutrino physics in Japan

(in Japanese)

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

First, I have introduce myself, and my home country: France. I made some comparisons between France and Japan on various topics (weather, holidays, school systems, ...) I have then explained what is particle physics, and what is a neutrino. I am working on an experiment called 'T2K', where we study "neutrino oscillations". This phenomena is quite simple: there are three different types of neutrinos. Once you produced one type, there is a probability that you will observe a different type after some distance of propagation. This phenomena is very particular and in order to study it, you need a very special experiment that exists in Japan. I have discussed some aspects of being a researcher.

- 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))

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))

Not needed

◆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。) :