

(For JSPS Fellow)

Form B-5

Date (日付)

12/02/2014 (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): Thiago Junqueira de Castro Bezerra (ID No. P13320)

- Participating school (学校名): Aomori Prefectural Sanbongi High School

- Date (実施日時): 04/02/2014 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Elementary Particles: What they are? How we detect them?

(in Japanese)

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

The lecture was divided in 4 parts: 1) Self-introduction and general information about my country; 2) History of atomic models and elementary particles; 3) Methods to detect those particles: description and demonstration of a Geiger counter and a scintillation counter and 4) Neutrino physics introduction and my research at the Double Chooz experiment.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 150 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))

Slides Projection and demonstration of Geiger and Scintillator counters

◆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))

Translation by the school's English teacher

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

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

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- 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。): -