

(For JSPS Fellow)

Form B-5

Date (日付)

19/06/2015 (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): Nikhul Patel (ID No. P 14716)
- Participating school (学校名): Shizuoka Kita High School
- Date (実施日時): 17/06/2015 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Experimental Particle Physics
(in Japanese) 実験素粒子物理学
- Lecture summary (講演概要): Please summary your lecture 200-500 words.
 - My background, Sydney and Sydney University, PhD introduction
 - The Standard Model of Particle Physics
 - CERN and the ATLAS Experiment
 - The discovery of the Higgs boson and methods used
 - Neutrino physics background, neutrino properties, neutrino mixing
 - Introduction to the T2K Experiment
 - Electron neutrino appearance measured by T2K
 - Advice for why and how to get into particle physics as a career
- 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))
used 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))
assistance by accompanied person – translating questions and answers
 - ◆Name and title of accompanied person (同行者 職・氏名)
Ban Sei, Masters Student (Neutrino Physics, Kyoto University)
 - ◆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。):