

Form 3

Date (日付)

22/11/2010 (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 (参加外国人研究者氏名): COUPON Jean (ID No. P09801)

Participating school (参加機関(受入学校名)): Takasaki High School

Date (実施日時): 14/11/2010 (Date/Month/Year:日/月/年) Time: from 13:30 to 16:00

Lecture title (講演題目): (in English) Measuring the Universe

(in Japanese) 宇宙を測る

Lecture summary (講演概要):

We first presented a few notions about Astronomy. Starting from Earth, we progressively increased the distance scale to end up with the entire Universe. At each stage of this "distance-ladder" travel, we tried to understand the physics of astronomical objects. We then focused on Cosmology, the science of Universe, explaining why we are living at an exciting time where the Universe is now fairly understood and accurately measured, and we finally explain future challenges, such as explaining the nature of the Dark Content of the Universe, the Dark Energy and Dark Matter.

Language used (使用言語): English

Lecture format (講演形式):

Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 60 min (分)

Lecture style (examples: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、プレ実験など))

projector/keynote presentation + movies

Interpreter (example: assistance by host or colleague, provided Japanese explanation by yourself)

(通訳 (例: 受入研究者によるサポート、外国人研究者本人による日本語説明))

Assistance by a grad student and short presentation of his research

Name and title of assistant (協力者 職・氏名) (example: host or colleague)

Mr Yuuki Mochizuki

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

Impressions and opinions of assistant (協力者から本事業に対する意見・感想等がございましたら、お願いいたします。):

“I had a very good time because a lot of students enjoyed to listen to our talks and were very interested in Cosmology. If I have a chance, I want to join this project.”