

(For JSPS Fellow)

Form B-5

Date (日付) 18/02/2014

(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) : Anupreeta More (ID No. P12322)

- Participating school (学校名) : Tsuru High School, Otsuki, Yamanashi Prefecture

- Date (実施日時) : 13/02/2014 (Date/Month/Year:日/月/年)

- Lecture title (講演題目) : (in English) Space and Us

(in Japanese)

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

The lecture began with a brief background about me and my home country and a short introduction to some physics and astronomy related terms. The latter part of the lecture focussed on introducing Gravitational lensing, the main area of my research and lastly, details about one of the projects that I am currently working on called Space Warps. At the end of the lecture, there was a hands-on activity which involved students inspecting astronomical images from a telescope survey with the aim of finding gravitational lens systems. A specially designed java software along with a set of images were provided for this activity.

- Language used (使用言語) : English

- Lecture format (講演形式) :

◆Lecture time (講演時間) 80 min (分), Q&A time (質疑応答時間) 15 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 to explain my research and conducted activity for students to inspect astronomical images on laptops

◆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

◆Name and title of accompanied person (同行者 職・氏名) Dr. Atsushi Nishizawa

◆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。) :

As far as I observed, about half of the student can understand very well about the lecture, and almost all of the student can understand and

successfully complete the exercise. I was surprised that almost all of the questions are asked in English and that some questions are scientifically important and get to the point. Many students seemed to be interested in listening to a scientific talk and thinking about the Universe.