

(For JSPS Fellow)

Form B-5

Date (日付)

19/09/2013 (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): Claudio Ricci (ID No. P 12795)- Participating school (学校名): Kyoto Prefectural Jonan-Ryoso High School- Date (実施日時): 13/09/2013 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) Observing the hot Universe(in Japanese)

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

The lecture was divided into three main parts. The first part was centred on the two countries in which I spent most of my life so far: Italy and Switzerland. I gave a short introduction about the different cultures of these two countries, describing the touristic attractions, the typical food, the most famous Italian and Swiss people, and the most important things produced there and exported in the rest of the world.

The second part of the talk was based on the life of a researcher, and in particular on that of an astronomer. I described the tools with which an astronomer gets to work with, and how a typical day of a researcher looks like. I also described in detail the path to become a researcher, and the reason why I decided to pursue this career.

The third part of the lecture was on astronomy, with a particular focus on the branch of this discipline on which I do research. I first described the tools with which we observe the Universe in the different energy bands, from radio telescopes to X-ray satellites. I then focussed on X-ray astronomy, and on its importance to probe the very hot Universe. Finally, I gave a short introduction on black holes, and on their importance to fully understand the Universe.

- 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) 10 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))

A colleague provided Japanese translation for the more complex parts of the lectures

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

Mr. Kohei Ichikawa

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

The students were encouraged to ask questions at any time through the whole lecture

- 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。):

ふだん、なかなか英語・外国人に振れる機会のない日本の高校生が、研究の第一線で活躍しているJSPS研究員の研究・および異なる文化に触れることができるという機会を提供する本プログラムは非常に魅力的だと感じた。ただ、英語にまったく対応できない多くの高校生のために、ある程度の日本語・英語の通訳ができる同行者がいることが必要不可欠だとも感じた。