

(For JSPS Fellow)

Form B-5

Date (日付) 11/12/2015

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) : Florent Duval (ID No. P14759)
- Participating school (学校名) : Kagawa Prefectural Takamatsu Sakurai High School
- Date (実施日時) : 06 / 11 / 2015
- Lecture title (講演題目) : (in English) Studying the Universe and its history
(in Japanese) 宇宙とその歴史を学びます
- Lecture summary (講演概要) : Please summary your lecture 200-500 words.

Throughout this lecture, my goal was to provide basic knowledges of the Universe and to explain the way astronomers work in practice. The representation was divided in four main chapters. The first part of the presentation was about France (my native country) where I made some interesting comparisons with Japan. The second part of the presentation, I explained how strong my motivation was to become an astronomer and we also discussed 1) what to study at university to become an astronomer (or to become a researcher in a more general way) and 2) what other jobs related to the Universe it is possible to get. The third part of the presentation consisted in giving a very didactic introduction on the Universe (i.e., explaining the most impressive missions we have built to explore planets in the Solar system; explaining the formation and the death of stars; galaxies; showing how all those objects are distributed within the Universe). Finally, the fourth part of the presentation focused on my own research. I explained that my work consisted in studying the most distant galaxies we can observe in the Universe and one of my goals was to understand the history of the Universe through those distant galaxies (such as dating the « Reionization of the Universe »).

- Language used (使用言語) : English
- Lecture format (講演形式) :
 - ◆Lecture time (講演時間) 75 min , Q&A time (質疑応答時間) 15 min
 - ◆Lecture style : Powerpoint presentation, we used a simple projector for giving the lecture
 - ◆Interpretation : none
 - ◆Name and title of accompanied person : none
 - ◆Other note worthy information : none
- 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。) : none

Must be typed