

Form B-5

Date (日付) 20 / 10 / 2012

(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) : Dr Julien Vieaud
(ID No. P 11817)

- Participating school (学校名) : 学校法人市川学園 市川中学校・市川高等学校

- Date (実施日時) : 16 / 10 / 2012
(Date/Month/Year:日/月/年)

- Lecture title (講演題目) : About me, science and nanotechnology
(in Japanese)

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

My lecture was divided in two parts : one concerning a classical talk and the other one a practical session. During the talk I explained how I came to Japan and why I am doing research right now. A comparison between the France and the Japon, in terms of population and few other statistic have been done. Another comparison concerning where people are speaking french and where the english is speaking, have also been done in order to explain the interest to speak english for someone who have a native language already widely speak around the world.

The last part of the talk was use to introduce my work and the field of my research.

During the second part, I performed two experiments. One with two students and where we synthesized a colloidal solution of gold nanoparticles. The second one was organized with the whole class. The high school professor and me have divid the class in group of 4/5 students and each group have performed the synthesize of 3 physical cross-linked hydrogels. To proceed to the synthesize, student have mixed two solutions of chemical that I have prepared in my laboratory the day before. Then, it was asked to the students to describe the difference of texture that they could observe between the three hydrogels.

- Language used (使用言語) : English

- Lecture format (講演形式) : 1:45

◆Lecture time (講演時間) 20 min (分), Q&A time (質疑応答時間) 1:25 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))

diaporama projected and experiments

◆ 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))

no japanese explanation

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

no accompanied person

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

nothing

- 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。)