

Form B-5

Date (日付)

23/10/2012 (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): FEJOS, Gergely (ID No. P11795)

- Participating school (学校名): Ichikawa Gakuen Ichikawa Senior High-school

- Date (実施日時): 19/10/2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Strong interaction in Nature

(in Japanese) 強い相互作用

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

My lecture contained 3 parts: introduction of my country and myself, basics of the strong interaction (main part) and life as a researcher.

In the introduction part I introduced myself and my previous research career. I compared my country (Hungary) with Japan in certain points. I explained why I had decided to move to Japan and how good choice it was.

In the main part I was explaining how strong interaction, as one of the four fundamental forces of Nature works, what are the similarities and differences regarding to electromagnetism, which has already been studied by the students. Furthermore, I was talking about the appearance of this interaction in Nature, e.g. early Universe, neutron stars, and high-energy experiments carried out in particle accelerators. I was trying to tell briefly what my research is about and how important it is.

In the final part I showed some pictures of our laboratory, and summarized briefly what theoretical physicists do while working. I tried to encourage the students to learn physics, and argue on the importance of doing research.

- Language used (使用言語): english

- Lecture format (講演形式):

◆Lecture time (講演時間) 50 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))

I showed a presentation using computer and 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))

I looked up for chinese characters of several physical objects and ideas.

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

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

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- 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。)