

(For JSPS Fellow)

Form B-5

Date (日付)

17/10/2014 (Day/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): JUSUP, Marko (ID No. P13380)

- Participating school (学校名): Meizen High School, Kurume-shi, Fukuoka-ken

- Date (実施日時): 14/10/2014 (Day/Month/Year: 日/月/年)

- Lecture title (講演題目): Physics of life (in English)

生命の物理 (in Japanese)

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

To show how useful is physics when researching living organisms, we briefly studied what conservation of mass and energy really meant, and then applied the theory to Pacific bluefin tuna – one of the most important fish species in Japan. We explored the results of our approach that should be helpful in fish cultivation, an issue especially relevant in the case of Pacific bluefin tuna because this species had already been found vulnerable to human overexploitation.

- Language used (使用言語): Mostly English

- Lecture format (講演形式):

◆Lecture time (講演時間) 45 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))

Predominantly blackboard, occasional use of a 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))

Limited explanations in Japanese by myself

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

Not available

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

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。):

Not available