

(For JSPS Fellow)

Form B-5

Date (日付)

26/01/2016 (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): Dmitry Kolomenskiy (ID No. P15061)

- Participating school (学校名): Hikone-Higashi High School

- Date (実施日時): 12/01/2016 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Animal and bio-inspired flight

(in Japanese)

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

The lecture was about the flight of animals, and how it influenced the development of aeronautics. I discussed the basic rules of aerodynamics which explain how airplanes and birds are able to fly, what is similar and what is different between them. Then I focused on the flapping flight of birds, bats and insects. I gave some examples of the modern technologies that help to better understand how animals fly. Then I talked about the newest flapping-wing biomimetic robots that are as small as insects. Finally, I made a brief introduction of life in my country and talked about my life as a researcher.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 35 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))

Used 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))

Assistance by a high-school teacher

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

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

- 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。):

Must be typed