

(For JSPS Fellow)

Form B-5

Date (日付)

16/07/2015 (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) : Ikedo High School, Kagoshima-shi, Kagoshima-ken- Date (実施日時) : 13/07/2015 (Day/Month/Year:日/月/年)

- Lecture title (講演題目) :

To cooperate or to defect? The quest for solving social dilemmas (in English)協力するか? 裏切るか? 社会矛盾を解決するための探求 (in Japanese)

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

Why is cooperation so prevalent in nature? After all Darwinian selection should result in individuals pursuing their own selfish interests. Yet, cooperation seems to prevail. Single celled slime moulds come together when conditions are dire to form multicellular 'slugs' that allow some individuals to disperse while others die in the process. At the other extreme, human societies could not function without cooperation, despite our tendency to behave selfishly. It is thus not surprising that biologists and psychologists alike are fascinated by the evolution of cooperation. In this lecture, we will explore the origins of cooperation, its importance in nature, as well as the future research efforts in this amazing field of science.

- Language used (使用言語) : Mostly English

- Lecture format (講演形式) :

◆Lecture time (講演時間) 80 min (分), Q&A time (質疑応答時間) 20 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))

Projector and blackboard

◆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