

(For JSPS Fellow)

Form B-5

Date (日付) 2016年07月15日

(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): Richard Veale (ID No. P15383)

- Participating school (学校名): 静岡県立磐田南高等学校

- Date (実施日時): 13 July 2016 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Hey! What are you looking at!  
(in Japanese) おい！どこみてんだよ！

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

**I talked about how important eye movements are in daily life, and how we use eye tracking machines to measure where people are looking. I then talked about how the brain computes the next place to look, and the computational models that we have developed to estimate the next place people will look. I finally talked about simulations of the brain area the Superior Colliculus and how it is probably the brain region computing the next place to look. Finally, I talked about some applications of my computer simulations, and took questions about a wide range of subjects.**

- Language used (使用言語): English, Japanese

- Lecture format (講演形式):

◆ Lecture time (講演時間) 90 min (分), Q&A time (質疑応答時間) 30 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))

**Lecture using projector and slide show, demonstration using eye tracking glasses and software.**

◆ 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))

**Provided Japanese explanation by myself, Q&A session in mostly Japanese but preferred English where it was possible.**

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

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

The students' questions were *excellent*, they asked several questions regarding auditory/olfactory saliency maps that were very insightful, and one student asked about orienting behaviour in bugs, which I have no knowledge of but need to investigate since I do not know if they have a brainstem/optic tectum (since they have exoskeletons). One student asked about the ethics of building artificial human-like entities, and several students asked about the technology and asked pointed questions regarding the neuro-prosthesis devices I presented.

- 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。):

**N/A**