

Form B-5

Date (日付)

5/11/2012 (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): Bart Rymen (ID No. P 11761 )

- Participating school (学校名): Junior High and Senior High School at Komaba,

- Date (実施日時) 13/10/2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) How plant growth brought me from Belgium to Japan

(in Japanese)

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

The Lecture was divided in three parts. A first part was dedicated to Belgium, with some general information about Belgian culture, politics and the main economical activities. I pointed out some similarities and contrast that I encountered when living in Japan. In a second part I talked about how I became interested in plant biology, and introduced the studies I did and what I learned during University. It also included an introduction to plant molecular biology as an introduction to the third part, which was about my research. In this part I introduced the projects I was involved. The projects discussed where about tackling a fungus disease in Banana, the response of maize plants to cold and drought, and the use of Arabidopsis as a model plant to understand the response to drought. For each project the importance of the projects for food security were discussed, followed by the techniques we used to get a better understanding of the problem and how we used the gained knowledge to improve plant performance. For each project, I also discussed why International mobility is important, why I came to Japan and how it helped in the different projects. After each part a discussion with the student was held.

- Language used (使用言語): English

- 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))

Powerpoint

◆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))

None

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

None

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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。)