

**Form B-5**

Date (日付)  
03/05/2012

**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) : Lorenzo Jamone (ID No. P10753)
- Participating school (学校名) : Namiki High School
- Date (実施日時) : 02/05/2012 (Date/Month/Year:日/月/年)
- Lecture title (講演題目) : (in English) From the beauty of science to bio-inspired robotics  
(in Japanese)
- Lecture summary (講演概要) : Please summary your lecture 200-500 words.

Beauty is out there in the world we see every day. Science help us to understand this world and the natural phenomena that amaze us. The main motivation for most scientists is to try to understand as much as possible of what surrounds us. Then, science allows technology, which is the creation of useful tools and machines. Indeed, all living beings, and especially humans, are a marvelous example of the astonishing machines. Therefore, taking inspiration from nature to build technology seems to be a reasonable choice. I will start telling about my country (Italy) and myself, and why I wanted to start walking the path of science. As an example, I will briefly explain the phenomenon of rainbows, which has been charming people all over the world from the beginning of times. Then I will introduce the field of humanoid robotics and bio-inspired robotics (which is my field of research) and show example and videos about human-like robots developed in the laboratories in which I have been working, both in Italy (IIT, Italian Institute of Technology) and in Japan (Waseda University, Takanishi Laboratory).

- Language used (使用言語) : English
- Lecture format (講演形式) :
  - Lecture time (講演時間) 70 min (分), Q&A time (質疑応答時間) 40 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))  
Presentation (slides and videos) on 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))  
I spoke in easy to understand english (with some japanese translation on the slides...), and I think most students understood well

Name and title of accompanied person (同行者 職・氏名) Prof. Atsuo Takanishi

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。) :