

Form B-5

Date (日付)

01/10/2012 (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): CARAVELLA Alessio (ID No. P11207)

- Participating school (学校名): Tochigi Prefectural Utsunomiya Girls' High School

- Date (実施日時): 28/09/2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Italy - Japan: A Journey through Science and Life.

(in Japanese) イタリア-日本: 科学と生活を通じた旅

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

At first, I briefly introduced myself showing my background and research experiences. Then, I have spoken about my Country (Italy) and My Home-Region (Calabria), providing an overview of the historical heritage of Italy and the Italian Education System. Afterwards, I listed the main research institutes and universities in Italy, giving a description of the University where I received my graduation (University of Calabria). Then, I provided an overview on my research activity, explaining my main topics by means of two animations on how hydrogen can be purified by palladium-membranes. In the second part of my presentation I explained the importance to get international experience and to be able to communicate with foreign people, this implying the knowledge of English, not only for research but also for the everyday life. Then, I gave my point of view to the students about the importance and the objectives of the science and research, highlighting the reason of carrying out the pathways of science. Furthermore, in this context, I told them my personal experiences in research, suggesting some guidelines to people who start thinking to become researchers in their future. I described generally the researcher's life and the requirements that people of science should have or pursued, like passion, persistence and competence. I finally ended my talk encouraging the students to propose themselves at an international level by doing their best.

- Language used (使用言語): English

- Lecture format (講演形式): Oral Presentation (by Microsoft PowerPoint)

◆Lecture time (講演時間) 40 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))

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 accompanied person

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

Dr. HARA Shigeki, Group Leader in AIST

◆ 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。): ポスドク本人にとっても同行した原にとっても貴重な体験でした。真剣に聞き入る姿を目の当たりにしてこうした講演・交流の意義を痛感いたしました。