

Form B-5

Date (日付)

09 / 02 / 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): TALBI ABDELHAK (ID No. P10333)

- Participating school (学校名): Yamanashi Prefectural Tsuru High School

- Date (実施日時): 07 / 02 / 2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Squeezing Time for Information

(in Japanese)

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

The lecture is two parts. The first one starts with an introduction to my country Algeria, including some general information, history and most famous touristic spots. This part includes also a brief introduction to my academic career as main studies and working experiences. Since one object of the lecture was to motivate student to choose a career in science, I introduced the mathematical way to find a solution to a given problem. I explained how the researcher can translate ideas in application by using mahemathical modeling. I situated and emphasized the use of stochastic processes.

The second part starts with an introduction to plate tectonics and seismology. It is followed by a short summary about seismic hazard mapping and earthquake risk mitigation. Finally, I could introduce some of my research about earthquake clustering and earthquake prediction with a basic discussion of the question: when, where and how big is the next earthquake? I explained briefly what happened during the last Tohoku eathquake. This part was illustrated with some examples of forecasting experiments and nowadays research on the topic, including the global Collaboratory for the Study of Earthquake Predicatability (CSEP) project and its testing centre located in our Earthquake Research Institute (ERI).

- Language used (使用言語): English + some Japanese

- Lecture format (講演形式):

◆Lecture time (講演時間) 80 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))

A projector has been used

◆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 an english teacher from the school, provided Japanese explanation_____

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

◆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。):