

Form 3

Date (日付)

20/01/2011 (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 (参加外国人研究者氏名): **Sulayman K. Sowe** (ID No. P10807)

Participating school (参加機関 (受入学校名)): **Yoshida High School, Yamanashi Prefecture**

Date (実施日時): **19/01/2011** (Date/Month/Year: 日/月/年) Time: from 13:55 to 15:35

Lecture title (講演題目): **Developing and Using Software for the Ne(x)t Millennium: What can we learn from Open Source Software Projects and Communities?**

(in Japanese) の開発と、次のインターネットミレニアムのためのソフトウェアを使用する: 私たちは何のOSSプロジェクトとコミュニティから学ぶことができますか?

Lecture summary (講演概要):

This lecture provides students first hand opportunity for high school students to actively participate and understand how software is being developed in the internet era. The lecture hopes to give the students the opportunity to experience another type of software (Open Source, e.g. GNU/Linux) apart from proprietary software (e.g. Windows).

As a practical lecture format, students are not expected to be only listeners but to DO and experience a dual-boot (running both Ubuntu Linux and Windows 7 on the same Laptop). Students are to ask and answer questions amongst themselves using the pre-defined terminologies and questions given to them 2 days before the lecture. This idea is aimed at encouraging students to be full participants during the lecture. In order to promote greater understanding and overcome language barrier, each heading and key words in each slide has a Japanese translation. Concepts are presented using a sequence of slow and well timed animations, with sufficient images/pictures to convey difficult software development concepts.

Language used (使用言語): **English**

Lecture format (講演形式):

○Lecture time (講演時間) **about 120 min (分)**, Q&A time (質疑応答時間) **30 min (分)**

○Lecture style (examples: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、プレ実験など))

Slides Presentation and Live demonstration of Open Source Software installation and configuration.

○Interpreter (example: assistance by host or colleague, provided Japanese explanation by yourself)

(通訳 (例：受入研究者によるサポート、外国人研究者本人による日本語説明))

No interpreter was required. Students themselves acted as interpreters for their colleagues. This deliberate effort was meant to encourage everyone to take part in the lecture.

Name and title of assistant (協力者 職・氏名) (example: host or colleague)

NA

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

It was good that the students had a printout of the lecture materials a day or two before the presentation. These include, a PDF printout of the presentation, some key words in English and Japanese, some Japanese Open Source Websites, and questions and answers (Q&As).

Impressions and opinions of assistant (協力者から本事業に対する意見・感想等がございましたら、お願いいたします。): **Good and dedicated assistant who did his job very well.**