

Form B-5

Date (日付)

10/September/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 (講師氏名): Matthew ADDICOAT (ID No. P10798)
- Participating school (学校名): Fukui Prefectural Koshi Senior High School
- Date (実施日時): 10/09/2011 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): (in English) Shape and Function of Molecules
(in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.
I study chemical reactions by simulating them using a supercomputer. Most of the software we can buy, however sometimes we write our own. We choose reactions to study that are too difficult or too expensive to study by experiment. By doing simulations, we can guide experimental colleagues to reactions that are likely to work and we can also help them understand why reactions work the way they do. Different types of simulation give us different information about a chemical or chemical reaction and very often we use several different types of calculation in the one study.
- Language used (使用言語): English
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 45 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))
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 accompanying person
 - ◆Name and title of accompanied person (同行者 職・氏名)
IWATA, Shinsuke
 - ◆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。):

今回のように生の英語で授業を受けるというのは、高校生にとって非常にいい経験になると思います。今後社会に出る上でより一層、英語が必要となっていくと思われます。可能ならば一部の高校だけでなく、より多くの高校でこのような機会が得られるよう、この事業に力を入れていってほしいと思います。