

(For JSPS Fellow)

Form B-5

Date (日付)

16 February 2013 (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) : Tonni Kurniawan
(ID No. P12813)

- Participating school (学校名) : Niigata Bandai Senior High School

- Date (実施日時) : 15 February 2013
(Date/Month/Year: 日/月/年)

- Lecture title (講演題目) : (in English) Landfill Leachate Treatment
(in Japanese)

- Lecture summary (講演概要) : Please summary your lecture 200-500 words.
In this lecture, I present one of examples concerning global water pollution problems partly due to the generation of landfill leachate. To address this issues, various conventional approaches have been tested. However, none is universally applicable and highly effective. Recent progress in nanotechnology has paved the way for novel solutions that potentially facilitate environmental remediation. A number of nanomaterials have been investigated for its technical feasibility and applicability. It is expected that the lecture generated scientific interests among the students regarding novel application of nanomaterials for environmental remediation.

- Language used (使用言語) : English

- Lecture format (講演形式) : 13.25-14.15

◆Lecture time (講演時間) 50 min (分), Q&A time (質疑応答時間) 5 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))

Ppt slides

◆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))

Not applicable

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

Mr. Kazutoshi Tamura (the host teacher)

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

The students were excited to learn applied-oriented problems outside their textbooks

- 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。) :