

Form B-5

Date (日付)

19/12/2014

(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): Trond Sylvan Ingebrigtsen (ID No. P 13707)

- Participating school (学校名):

**Tokyo Metropolitan High School of Science and Technology (Koto-ku, Tokyo)**

- Date (実施日時): 16/12/2014 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English)

**Simulating liquids: Newton on speed**

(in Japanese)

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

**The lecture contained the following main points:**

**1) An introduction to Denmark: culture, literature, industry and science.**

**2) Why should you study science?**

**3) An introduction to molecular dynamics, the applied scientific method of the presenting author. A detailed explanation**

**was given as the method can be understood by high school students. Illustrations were provided via pictures and video.**

**4) An introduction to phase behavior (liquid, gas, crystal), supercooled liquids, and the glass transition.**

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 75 min (分), Q&A time (質疑応答時間) 15 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))

**Projector presentation, however, an exercise was given during the presentation for the**

**students to solve. Duration: 15 mins.**

**A small movie was played representing an actual computer simulation used to do research.**

**Traditional Danish sweets (marzipan) were given to students.**

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- ◆ 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))

**A very short self-introduction was provided in Japanese to start with.**

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

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