

(For JSPS Fellow)

Form B-5

Date (日付)

11/03/2015 (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): ANANDHA BABU GOVINDAN (ID No. P14356)
- Participating school (学校名): Aichi Prefectural KASUGAI High School
- Date (実施日時): 09/03/2015 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): Crystalline Silicon Solar Cells (in English)
(in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

The lecture started with a brief introduction about myself and where I come from, an introduction to my country (India) and some important historical places in India. My research area is Multicrystalline Silicon Solar cells so I explained what a scientist studies in this area. I explained about solar energy, its importance and Growth of Silicon crystals by Czocharlski method, Float Zone method and Directional Solidification method. I gave reasons for why solar cells are made of silicon. I concluded the talk how to fabricate Silicon solar cell and challenges in multicrystalline silicon based solar cell technology. I showed facilities like DS system, pn layer synthesis furnace, SEM, Diffusion length measurement system, Minority carrier life time measurement system, PL Imaging system and solar simulator.

- Language used (使用言語): English and Japanese
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 45 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
 - ◆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 accompanied person

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

Mr.Yasuhiro Sujihara

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

Mr.Yasuhiro Sujihara extensively participated in the presentation and question and Answer session to encourage the students to participate which greatly improved the atmosphere in the classroom.

- 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。):

Mr.Yasuhiro Sujihara enjoyed the experience