

Form 3

Date (日付)

1/12/2009

(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): Hanafiah Bin Yussof (ID No. P08062)

Participating school (参加機関(受入学校名)): Fujiishima Senior High School, Fukui

Date (実施日時): 24/11/2009 (Date/Month/Year: 日/月/年) Time: from 16:30 to 18:00

Lecture title (講演題目): Research and Development of Humanoid Robot and Tactile Sensor

ヒューマノイドロボットと触覚センサーの研究と開発

Lecture summary (講演概要):

The lecture presents research and development activities and achievements related with humanoid robot and tactile sensor conducted by Dr. Hanafiah in Nagoya University. Introduction on humanoid robotics and tactile sensors are explained from the state-of-the-art to future application. Detail explanations on humanoid robot Bonten-Maru II and the optical three-axis tactile sensor are given from the system structure, mathematical solutions, system control and experimental results. The lecture was also performed to provide early exposure to the students about basic knowledge in robotics and sensors.

Language used (使用言語): Japanese and English

Lecture format (講演形式):

Lecture time (講演時間) 60 min (分), Q&A time (質疑応答時間) 15 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))

Used projector

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))

Most of the lecture was in Japanese with some English explanation

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

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