

(For JSPS Fellow)

Form B-5

Date (日付)

13/2/2015 (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): Dr. Roevidne Bogardi-Meszoely Agnes (ID No. P14765)
- Participating school (学校名): Tsuru High School, Otsuki, Yamanashi
- Date (実施日時): 10/2/2015 (Date/Month/Year: 日/月/年)
- Lecture title (講演題目): Frontiers of Informatics, Social Network Analysis and Image Processing (in English)
情報学のフロンティア、ソーシャルネットワーク分析と画像処理 (in Japanese)
- Lecture summary (講演概要): Please summary your lecture 200-500 words.

In the first part we have introduced ourselves and our universities as well as our country, Hungary, its capital, World Heritage Sites, some other sights (hot springs, cuisine, porcelain, traditional costumes), sport, music, and Hungarian language. In the second part we have introduced the most famous Hungarian scientists, inventors, and their inventions (like vitamin C, hologram, computer, in telecommunication, sound film, color television, ballpoint pen, noiseless match, Rubik's cube, etc). In the third main part we have talked about what web applications are, on what languages they can be developed, what tools can be used to support their development, what typical architectures can be used to develop them, what techniques can be used to analyze their performance, what the most popular web applications are, what tag clouds are, how information can be extracted from images. We have shown various application examples about our enhanced methods of performance analysis and tag cloud, as well as, photos and videos about the developed machine vision based methods and devices, in addition, Kinect as an instrument which students could try to use. We have received questions from students in advance by e-mail as well as during the lecture, during the break, and after the lecture. Tomoya Ashizawa sensei asked us to speak very slowly and easily, in addition, he has provided some Japanese explanation during the lecture.

- Language used (使用言語): English
- Lecture format (講演形式):
 - ◆Lecture time (講演時間) 85 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, videos about the developed devices, Kinect as an instrument

- ◆ 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))

I have translated all slides of the lecture to Japanese. Tomoya Ashizawa sensei of Tsuru High School has provided some Japanese explanation during the lecture.

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

Dr. Rövid András, Shizuoka University, invited researcher, Óbuda University, associate professor

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

We had a joint lecture with more various application examples and instrument. Tomoya Ashizawa sensei is a very kind, conscientious, and helpful teacher.

- 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。):

I really enjoyed it, the lecture is a very good experience for me, thank you very much for the opportunity.