



WT2.6: European Centre for Soft Computing Report

Activities performed during the visit

in Wrocław, Poland

period: 06.01.2016 - 10.01.2016

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Personal Information

Mr. **Ignacio Moya**, member of **European Centre for Soft Computing, Spain** visited **Wrocław University of Technology, Poland** in the period from **06.01.2016** to **10.01.2016** in order to carry out research and training activities in the field of **Machine Learning for Social Media Analysis**.

Information about Seminars

The seminar presentation was organized on **07.01.2016**

It was entitled:

Simulating voting behavior using Soft computing (07.01.2016)

Description of scientific activities

(Please describe value added to the ENGINE project i.e. new knowledge, new skills with respect to the objectives of the project, the assigned common area of future cooperation with the partner, plans for common research, projects, publications and how it could be used in the scope of ENGINE)

New knowledge:

Mr. Moya has presented work on voting behavior modeling based on simulation and soft computing inspired techniques. It was mainly concerning Agent-Based Modeling for simulating information covered by the media. The study case was strictly denoting the media situation in Spain regarding who is pointing as responsible for the terrorist attack in 2004: information blaming ETA or information blaming Al-Qaeda. The proposed methodology to model the media information was based on interactions between agents modeled as diffusion processes.

New skills:

Thanks to Mr. Moya's visit Engine Center's team had a chance to familiarize with specialized skills on model tuning in Agent-Based Modeling of social networks.

Common area of future cooperation:

It has been agreed that further collaboration within the project will be concentrated on:

- diffusion processes in complex networks
- classification in networks
- social network analysis and social media analysis

Plans for common research:

It has been agreed that the collaboration will be continued to achieve advanced scientific results able to be published.

Plans for joint projects:



Not decided yet.

Plans for collaboration in publications preparation:

Not established yet.

Information referring to the intellectual property

(the generally binding law in this area in the visited country and procedures of patenting);

Not addressed.

Description of the cooperation between universities and industry

(how it is organized in partner's organization, the sources of funding, the opinions about drawbacks and strengths of existing solution).

Not addressed.

Other activities

None

REMARK: Apart from this information also a program of the visit and the presentation in electronic version should be given to the project office (please send all of them to Urszula.Markowska-Kaczmar@pwr.wroc.pl). Please respond to the points 1-5 for outgoing visit and points 1-3 for incoming visit. Point 6 is for extra activities that are not put in points 1-5.

