

WT2.16: Trinity College Dublin

Report

Activities performed during the visit

in Trinity College Dublin

period: **30.06. 2014** – 3.07.2014

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Personal Information

Mr. Saeed Hajebi doctoral researcher of Trinity College Dublin, Ireland visited Wrocław University of Technology, Poland in the period from 21-Sep-2014 to 28-Sep-2014 in order to carry out research and training activities in the field of machine learning and social media analysis and to present his research area.

Information about Seminar

The seminar presentation was organized on September 22nd, 2014. It was entitled: “Water distribution network sectorization using structural graph partitioning and multiobjective optimization”. During this seminar not only the research area of Saeed Hajebi has been presented, but it also covered the topics of how Trinity College Dublin is supporting the cooperation between business and academia and how the IP rights protection looks like. Then Mr. Saeed Hajebi participated in the Machine Learning School in Social Media Analysis (MLSMA 2014).

Description of scientific activity in details

(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)

Firstly, this visit allowed the WrUT team to understand the problems that exist in other kind of complex networks, namely the water distribution networks. Since a part of the WrUT team had no experience with this area, because of the specialization in social network analysis, this visit revealed how much in common these areas have. Next, WrUT team and Saeed considered whether would it be possible to start a new joint research in the area of complex network analysis with the application in water distribution network but using the techniques known by WrUT team. Yet, further discussion is needed to be sure that both teams are interested in such a way of cooperation.

Information referring to the intellectual property

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

It has been covered by the presentation given by Saeed Hajebi.

Licensing: Focus on generating IP in industry programmes and licensing, focus on licensing IP to Trinity spin-out companies, remain open to licensing IP to new industry.

Trinity IP Principles:

- Open Innovation – we want the IP to be used.
- Not profit motivated – knowledge transfer for socio-economic return.
- Flexible – Trinity is open to a range of models for ownership of IP
- User-friendly – Systems in place to support and encourage engagement
- Practical – we want to do fair deals quickly

Description of the procedure of cooperation between universities and SME in visited country

(how it is organized, the sources of funding, the opinions about drawbacks and strengths of existing solution).

It has been covered by the presentation given by Saeed Hajebi. Short summary:

Trinity will employ a multi-faceted solution.

Industry partnership: Collaborative research programmes, service research, industry researchers in residence, internships in industry, access to infrastructure, access to H2020 funding, access to world class researchers, access to students. Both SME and MNE.

New Companies: Broadening role to enabling new company formation – not only “licensed” campus companies but enterprises which “accelerate their pathway to competitiveness” by partnering with Trinity e.g. student, staff and graduate companies; companies incubated at Trinity.

Launchbox is Trinity's student incubator, a three month accelerator programme open to teams of Trinity students with early-stage business ideas and investor-ready ventures.

The Launchbox programme provides student startup companies with funding to help start or expand the business, an office space, mentorship from some of Trinity's most successful entrepreneurs and access to an active network of Trinity's alumni and tailored business master classes.

Website: www.launchbox.ie