



WT2.7: Blekinge Institute of Technology (BTH)

Report

Activities performed during the visit

in Blekinge Institute of Technology (BTH), Karlskrona,
Sweden

period: September 12 -13, 2014

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Personal Information

Mr./Ms. Przemysław Kazienko, faculty member of Faculty of Computer Science and Management, Wrocław University of Technology visited Blekinge Institute of Technology, Karlskrona, Sweden in September 12 -13, 2014 in order to carry out research and training activities in the field of **Social Network Analysis**.

Information about Seminars/Panel

The public panel discussion on “*On social interaction metrics: social network crawling based on interestingness*” was organized on September 12, 2014. It was based on the licentiate thesis by PhD student Fredrik Erlandsson. Przemysław Kazienko was the opponent of this thesis, i.e. he asked his questions and gave remarks to this thesis based on his expertise. Since it was a public defense of the thesis there also were many questions asked by the audience. Official discussion was continued afterwards.

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)

Fredrik Erlandsson was encouraged to come to Wrocław and take part in MLSMA. Next week, he decided to come.

Prof. **Henric Johnsson** promised to come to Wrocław for ENIC 2014. Other collaborative initiatives were also discussed with him like (1) common projects in Horizon 2020 in 1-2 years, (2) usage of Swedish data in research at WrUT, (3) special issue in SNAM, (4) next edition of ENIC.

There were also talks with prof. **Felix Wu** from University of California Davis about SNA and common activities as well as with prof. **Bengt Carlsson** from BTH.

BTH introduced a program to support publishing in journals with IF. As a result, the number of papers doubled. The authors of every such paper are collaboratively given an additional 30K SEK fund (15K PLN) to be spend on their needs, e.g. conferences or equipment (not salaries).

Information referring to the intellectual property

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





Interesting talks were performed with representative of Swedish Police on SNA tools in police investigations and privacy issues. It seems that Swedish law is even more restrictive than Polish and the Police hardly can gather data about people even if they are suspicious. However, there is quite close relationship between Police and BTH.

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).

In most projects industrial partners play an important role. 50% of BTH budget come from the research projects, including industrial ones.

Przemysław Kazienko also talked with prof. Niklas Lavesson about his 100 mln SEK project on "Scalable and Resource-efficient Systems for Big Data Analytics", see <http://www.bth.se/bigdata>, which is an interesting example. There are also our common interests with this project especially within machine learning methods. They also have an interesting data set about burglary cases in Sweden, probably the greatest in the world, collected in collaboration with the Police.

Other activities

Participation in licentiate defense (<http://www.bth.se/web/kalendarium.nsf/sidor/0ce8c60249e34302c1257d400049558b?OpenDocument>), which is a unique for Sweden degree in scientific career, in the middle of the PhD programme.

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.

