

# WT2.17: The Informatics & Telematics Institute, Thessaloniki, Greece

## Report

Activities performed during the visit

in ITI, Saloniki, Greece

period: 11.10.2014 - 14.10. 2014

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## 1 Personal Information

Mr. Przemysław Kazienko, a faculty member of Wrocław University of Technology, Faculty of Computer Science and Management, Poland visited **The Informatics & Telematics Institute, Thessaloniki, Greece (ITI)** in the period from October 11, 2014 to October 14, 2014 in order to carry out research and training activities in the field of network intelligence.

## 2 Information about Seminars

Przemysław Kazienko gave a talk on “Seed Selection for Spread of Influence in Social Networks” at ITI on October 14, 2014 (with about 25 participants) as well as another prestige keynote talk on “Relational Classification for Uniplex and Multilayer Social Networks” at IWCSN / WISE 2014 - 15th International Conference on Web Information System Engineering, Thessaloniki, October 12-14, 2014 (speech on October 12, 2014), about 30 participants <http://arg.vsb.cz/iwcsn2014/KeynoteSpeaker.aspx>.

## 3 Description of scientific activities

There were many talks were performed both at the WISE conference as well as at ITI headquarter. In particular with Dr. Ioannis Kompatsiaris and Stefanos Vrochidis (ITI). An interesting area for common research was recognized in the field of scientific efficiency evaluation. It was both interesting for ITI and for Santo Fortunato (Aalto University, Finland, met at WISE - its keynote speaker).

Considerable results from visit in ITI:

1. ITI agreed to be a part of the next ENIC edition in Sweden, a SNA/SMA Track, WrUT will probably nominate Piotr Bródka to the chairmanship (WrUT)
2. Ioannis Kompatsiaris agreed to edit as a guest chair a special issue in SNAM journal, together with Henric Johnson from BTH (Sweden)
3. Both partners will look for the incoming call for project within Horizon 2020.
4. WrUT will check if it is possible to join the **Reveal** project (<http://revealproject.eu>) and/or **Social Sensor** (<http://www.socialsensor.eu>) as an additional partner by means of special programme to attach to ongoing projects (Marek Żuk is going to check this possibility).
5. The following research domains were identified as potential areas for beneficial collaboration:
  - a. Sentiment analysis **Social Sensor** FP7 project ongoing in ITI
  - b. Social media analytics
  - c. Social network analysis
  - d. Spam detection in opinion mining (especially important for Włodzimierz Tuligłowicz), FP7 **Reveal** project ongoing in ITI

- e. Evaluation of scientific organizations as well as individual researchers - a new common idea

Additionally, there were some talks with other researchers at WISE, the most important were with:

1. Santo Fortunato (Aalto University, Finland - physicist an expert in network clustering (community detection), a potential possibility so that Aalto University becomes an additional ENGINE partner or ENGINE will employ Santo Fortunato
2. Katerina Slaninova and Jan Martinovic (VŠB-TU Ostrava, Czech Republic) - real possibility to apply for Horizon 2020 grant relevant to large scale processing of graph and monitoring road traffic
3. Marek Rusinkiewicz dean of the New Jersey Institute of Technology (NJIT) College of Computing, USA. Possibility of collaboration at information fusion methods and organization of WISE conference, transfer of knowledge from his experience at Bell Labs.

## 4 Information referring to the intellectual property

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

Experience in transferring knowledge from Bell Labs to its Polish branch in Poznan explained by Marek Rusinkiewicz who was responsible for this branch. Problems with co-financing by American company and European projects (FP6/FP7) as well as problems after the takeover by Ericsson (cut off from US funding).

## 5 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).

Companies are much involved in ITI research projects especially as partners of EU (FP7) projects, in which ITI also takes part. They are mainly based on personal contacts and relationships.

**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 the report to [Monika.rok@pwr.wroc.pl](mailto:Monika.rok@pwr.wroc.pl)). Please respond to the points 1-5 for outgoing visit and points 1-3 for incoming visit.