



WT2.14b: Universidad Carlos III de Madrid, Madrid, Spain

Report

Activities performed during the visit

in Madrid, Spain

period: 21.04.2015 - 25.04.2015

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Personal Information

Mr. Stanisław Saganowski, faculty member of Politechnika Wroclawska, Poland visited Universidad Carlos III de Madrid, Spain in the period from 21.04.2015. to 25.04.2015. in order to carry out research and training activities in the field of social group evolution, dynamic social networks, predicting changes in social networks, dynamic time windows.

Information about Seminars

The seminar presentation was organized on 22.04.2015.

It was entitled: Predicting community evolution in social networks



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)

During the visit several meetings took place. On the first two days general talks about my research area was carried out with Prof. Esteban Moro, Dr. Jose Maria Alvarez Rodriguez and MsC student Henry Daniel Navarro Hernandez. The goal was to identify common research problems. Thanks to the fact that both sides were familiar with the research area of the other partner side the talks were very relevant.

As a result of the talks we found interesting problem of tracking evolution of groups between time windows created with a novel approach by Prof. Esteban Moro. During the visit we have conducted the research that will be further analyzed. The initial results shows that there is more groups (and therefore group events) for the new approach than for the overlapping time windows (Figure 1). Also groups prefer to continue collaboration rather than any other group event (Figure 2). The results also shows that activity happening within (and between) groups involves only small fraction of a groups.

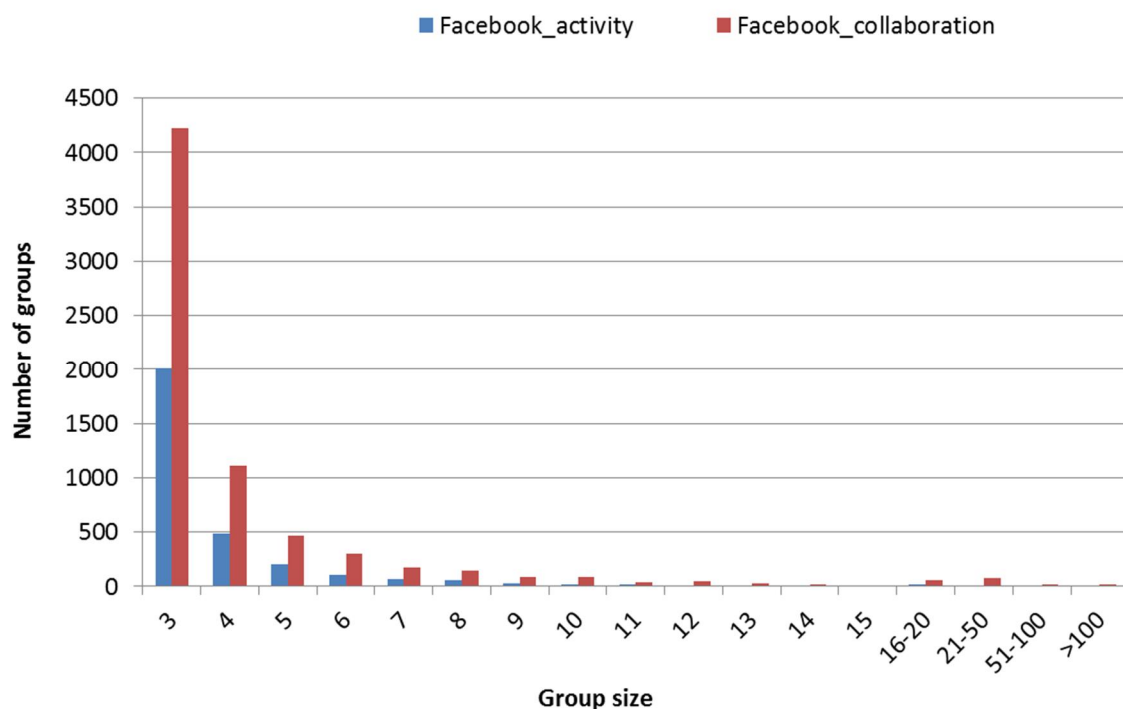


Figure 1. The number of groups for two different approaches of time window.

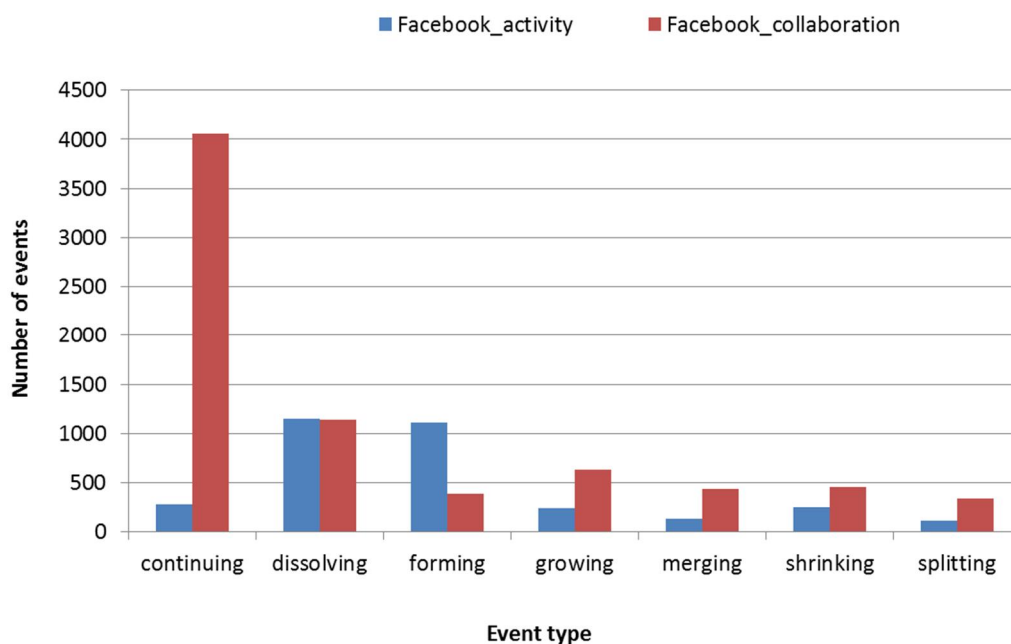


Figure 2. The number of events

Information referring to the intellectual property

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

In general most of the property rights belongs to the university. However depending on the funding of the project (university resources vs. private resources) the shares might differ (from 25% to 50% for the researcher). If the researcher deeply believe in success of his idea then it is more profitable to invest his own resources. If he's not convinced that the idea will be successful then he may use the university's resources in exchange for lower shares.

If the project is made with the company then different utility models are applied.

All the agreements between researcher and university are managed by the internal offices (within Foundation and Technological park - described in next point). The offices have developed guidelines how to protect intellectual property, unfortunately the document is internal.

The more detailed presentation on the intellectual property topic, prepared by Jose Maria Alvarez Rodriguez, can be found at <http://slides.com/josemariaalvarez/research-science-in-spain#/54>

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).

The UC3M university is a public institution, hence there are some restrictions regarding cooperation with the business. There are two main institutions which undertake specific actions to enhance the cooperation between university and industry:

1. Non-profit foundation which is responsible for managing and supporting private contracts between companies and academic staff (individuals or research groups). The main task of this foundation is to ease administration.
2. Technological park which is a research institution responsible for creating links between university and business. The park provides also space and administrative help for start-ups.

Another very useful institution at the university is “The office of research and transfer”, which consists of 10-20 people whose main task is to help researchers to apply for the funding. The office helps to prepare proposal for the grant in the administrative section (budget planning, etc.) and also makes sure that the proposal meets the call’s criteria. Such a help allows the researchers to focus on the substantive scope of the proposal and significantly improves the proposal quality. The office’s staff is specialized in different areas: local calls, national calls, European calls, etc.

The UC3M university also organizes 1-day courses on how to prepare project proposal.

The professors at the UC3M are pleased from the fact how the university is organized (especially from the office of research and transfer).

The funding are local, national and European calls, e.g.:

<http://wayra.co/>

<https://www.centrodeinnovacionbbva.com/en>

Other activities

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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.

