



Wrocław
University
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Social Network Group @ Wrocław University of Technology



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Zaproszenie na spotkanie

Data i godzina: 2012-12-17, godz. 9:30

Miejsce: Politechnika Wrocławska, bud. A-1, I p., s. 202 (wejście przez s. 203)

Agenda:

9:30-10:30 – Krzysztof Juszczyszyn (Instytut Informatyki Politechniki Wrocławskiej):

“Network of web services”

10:40-12:00 – Anita Zbieg (Uniwersytet Ekonomiczny we Wrocławiu, Uniwersytet Wrocławski), Błażej Żak (Politechnika Wrocławska): **“Sieciowa mapa ekosystemów przedsiębiorczości społecznej”**

Nasza strona:

<http://www.ii.pwr.wroc.pl/~sna/>

Następna strona zawiera krótkie wprowadzenie do tematów prezentowanych na najbliższym spotkaniu (tzw. *one-pagers*).

Krzysztof Juszczyszyn
(Institute of Informatics, Wrocław University of Technology)

Network of Web Services

The presentation will introduce an approach according to which the Web services interoperability and resulting composition schemes may be used to create the network structures reflecting the patterns according to which the services interact during execution of composition, and execution queries. It demonstrates how to create so-called networks of Web services which allow to effectively use the network structural analysis and optimization techniques to solve the network composition problems. The service network is created on the basis of the semantic bindings between the services in the repository joined with the actual patterns of the service usage resulting from composition queries. Next, it is shown how available techniques of dynamic network structure prediction and analysis may help to assess the future service usage and resource consumption of the service execution layer. The approach is illustrated by the real data gathered from the PlaTel platform, dedicated to the complex service planning, management, provision, composition, execution and validation.

Błażej Żak (Lome - Sieci Społeczne, <http://www.lome.pl/>)
Anita Zbieg (Wrocław University of Economics, University of Wrocław)

Mapping entrepreneurship ecosystem network

Social entrepreneurship sector contains organizations and companies that combine social benefit maximization with profit maximization and address to achieve social objectives (e.g. poverty overcome, technology access, environment) operating as an enterprises, thus maximizing revenues and generating profits. Social business is seen as important and developing sector of economy but the enterprises to operate and grow up successfully need a specific institutional and business environment providing vital resources like funding, knowledge and support (e.g. services that are not a core of the business) supplied by other organizations and institutions (e.g. NGOs, financial actors, governmental institutions, universities or business companies).

As the development of a single social business company is dependent on the performance of a whole social entrepreneurship environment, apart from impact investments made for the social business enterprises, investors are also interested in providing funds for the growth of social entrepreneurship environment infrastructure. However, there is a little knowledge about the structure, characteristics, processes and dependencies that take place in such an environment.

In the study, the environment in which social business companies are embedded has been captured as the networked ecosystem composed from different type organizations connected within a collaboration network. Authors present the model and survey questions that reflect social entrepreneurship environment infrastructure as a networked map and show layers of the map that refer to the important resources defined as: identification of entrepreneurs and business, institutional strengthening, strengthening of entrepreneurs and business, financing and environment strengthening. Social network analysis on data collected in Mexico aim to identify key actors for each type of the resource as well as for the entire ecosystem and define their role in the network, find characteristics of the ecosystem structure and recognize patterns and dependences in the resource distribution.

Furthermore, longitudinal nature of the research allow to study the dynamics of the ecosystem and further studies conducted in other countries provide the data to the comparative meta analysis. The study was prepared and conducted together with Root Change organization with help of Aspen Network of Development Entrepreneurs and Ashoka Mexico.