

ERCIM “Alain Bensoussan” Fellowship Scientific Report

Fellow: Chiara Rossitto

Visited Location: Norwegian University of Science and Technology, Trondheim

Duration of Visit: 31-08-2009/01-09-2010

I - Scientific activity

(1 page at maximum)

During the 12 months spent at the Norwegian University of Science and Technology, I have had the interesting opportunity to explore the domain of Mobile Learning through an active participation in the FABULA¹ (Seamless Networks for Transforming the City into an Arena for Learning) project. The research aims at envisioning and designing services and mobile applications for informal learning situations. More specifically it explores: (a) how mobile technologies can support newcomers and long-term visitors' explorations of the physical, social cultural, and historical dimension of the cities they live in; (b) how mobile devices and can be used to children's learning outside the traditional classroom setting.

The fellowship period has allowed me to further develop my research interests with respect to the use of ethnographic and qualitative investigations and the design of technological artifacts. My work at NTNU has been a combination of social theory, empirical investigations and exploration of the design of technologies and services for mobile learning. Within the project I have been engaged in:

- Field Studies;
- Activity Analysis;
- Requirements elicitation.

The Fabula's research group and I are also planning to further collaborate, and we expect that the work done during the grant will result in some additional joined publications.

Besides working on the article listed in the section below, I have begun to work on the following journal publications:

- Rossitto C., Severinson-Eklundh K. Place as an Analytical Framework to Understand Nomadic Practices in Student Groups (Journal)
- Rossitto C., Cerratto-Pargman T., Severinson-Eklundh K. Managing Writing in the Wild. Understanding Writing Activities Within Nomadic Student Group.

During these months I have also participated in activities (a workshop and a symposium) organized within the LEAF Network² of which Prof. Monica Divitini is an active member.

¹ Fabula is a NFR VERDIKT project, funded by the Research Council of Norway. <http://www.fabula.idi.ntnu.no/>

² Learning Ecosystems and Activities of the Future. <http://nordicleaf.info/home>

II- Publication(s) during your fellowship

Please insert the title(s), author(s) and abstract(s) of the published paper(s). You may also mention the paper(s) which were prepared during your fellowship period and are under reviewing.

- Rossitto C., Bogdan C. and Severison-Eklund K. (2009). The Nomad Project: IT support for Students as Nomadic Workers and Groups Learners. In Resultatdialog 2009, Umeå University, Sweden, Vetenskapsrådet, Stockholm.
- Rossitto C., Canova Calori I., Elijueidi M., Divitini M., (2010). Considering the Design of Mobile Applications for City-wide Learning. Being published in the International Reports on Socio-Informatics. <http://www.iisi.de/102.0.html?&L=3>
- Petersen A. S., Divitini M., Canova Calori I., Rossitto C. (2010). Connectedness in Practice-Based Education: The Why, Who, What. Accepted at MLearn 2010, the 9th International Conference on Mobile and Contextual Learning, Malta, October 2010.
- Canova Calori I., Rossitto C., Divitini M. (2010). How to Design for a Situated Learning Experience. To be presented at NORDITEL 2010, 1st Nordic Symposium on Technology Enhanced Learning. To be held 26-27 August 2010, Linneaus University, Växjö, Sweden.
- Rossitto C., Bogdan C. and Severison-Eklund K. Understanding the Use of Constellations of Technologies in a Nomadic Setting. To be submitted to Communities and Technologies 2011, Queensland University of Technology, Australia.

III -Attended Seminars, Workshops, and Conferences

Please identify the name(s), date(s) and place(s) of the events in which you participated during your fellowship period.

- ECTEL 2009, the 4th European Conference in Technology Enhanced Learning, 1-4 October 2009, Nice, France.
- Vetenskapsrådet Resultatdialog 2009, 14-15 October, Umeå University, Sweden.
- Nordic Leaf kick-off meeting, November 12-13, Stockholm Sweden. I held a presentation during the workshop and helped with the organization (NTNU is also member of the Nordic Leaf Network).
- COOP 2010, the 9th International Conference on the Design of Cooperative Systems. Aix-en-Provence, France.
- Workshop on Mobile Collaboration Systems: Challenges for Design, Work Practices, Infrastructure and Business. Held at COOP 2010, Aix-en-Provence, France.
- Second International Seminar on Methodologies for Mobility Research, May 25, 2010, University of Limerick, Ireland.
- NORDITEL 2010, 1st Nordic Symposium on Technology Enhanced Learning. To be held 26-27 August 2010, Linneaus University, Växjö, Sweden.

IV – Research Exchange Programme (12 month scheme)

Please identify the name(s), date(s) and place(s) of your Research Exchanges during your fellowship period and detail them.

Exchange 1

Place: Interaction Design Center, University of Limerick, Ireland.

Contact person: Dr Luigina Ciolfi, email: luigina.ciolfi@ul.ie

Period: 24-28 May, 2010

During my staying at the University of Limerick I attended a one-day workshop on “Methodologies for Mobility Research”. I discussed with my colleagues there the possibility to co-edit a special issue on Methodological issues involved in the design of technologies for mobile work. I also exchanged with other people a number of comments concerning related research projects, and helped a second year PhD student to explore how to continue with his studies.

Exchange 2

Place: SICS, the Swedish Institute for Computer Science

Contact person: Dr Maria Normark, and Professor Lars-Erik Holmquist, email: leh@sics.se

Period: 23-28 August, 2010

During this period I plan to closely work with Dr Maria Normark, a former colleague of mine from the Royal Institute of Technology, Sweden. Maria and I have already worked together on a project on Mobile work and we plan to exchange some ideas on how we could further develop (i.e. project grants) this past research. I am sure I will also have the possibility to interact with the other researchers employed at SICS.