

**eMadrid Seminar on
“Collaborative learning and Social Media”
Universidad Autónoma de Madrid, Friday, 11th February
2011**

Organized by: eMadrid Network

Next Friday, 11th February 2011, an eMadrid seminar will have place in the Autónoma University of Madrid.

eMadrid is a I+D activities program, between Madrid research groups working on “Research and Development of Technology-Enhanced Learning”. Coordinated by the Carlos III University of Madrid and composed by the Autónoma University, Complutense University, Politécnica University, King Juan Carlos University of Madrid and the Distance Learning University UNED.

El horario de las charlas es el siguiente:

15:00–15:45

Jaime Moreno (UAM): “Web 2.0: Collaborative Systems”

15:45–16:30

Javier Vélez (UNED): “Design and development of collaborative learning scenarios with PELICAN”

16:30–17:15

Thumas Miielumäki (TUT): “Social Media Enhanced Studying and Learning in Higher Education: Students' Attitudes, Motivations and Preferred System Designs”

Where? (<http://www.uam.es/presentacion/campus/>)

Universidad Autónoma de Madrid, Campus de Cantoblanco, Salón de Grados de la Escuela Politécnica Superior, Calle Francisco Tomás y Valiente, 11, 28049 Madrid

How to get there

Detailed information on: <http://maps.google.es/maps?q=40.546575,-3.69144&num=1&sll=40.396764,-3.713379&sspn=7.829737,14.985352&ie=UTF8&ll=40.546165,-3.690795&spn=0.005674,0.013765&z=17>

- **By train** “cercanías” (stop: Cantoblanco-Universidad):
 - Line C-4a Parla-Atocha-San Sebastián de los Reyes
 - Line C-4b Parla-Atocha-Colmenar Viejo

- **By bus** (buses that stop at the campus):
 - Line 714 (Plaza de Castilla – U. Autónoma – Comillas)
 - Line 827 (Callejitas – Alcobendas – U. Autónoma)
 - Line 827A (San Sebastian de los Reyes – Alcobendas – U. Autónoma)
 - Line 828 (Campo de las Naciones – Aeropuerto – U. Autónoma)



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Summary of talks

1. Web 2.0: Collaborative Systems

The evolution of the Web in the last ten years has brought the democratized this media, end users have taken the main role of information providers, but increasingly also the roles of application developers and service providers. Throughout this time it has acquired great importance a new philosophy of Web applications and the combining various existing technologies (AJAX) to make these applications more friendly. Typical applications of Web 2.0 take advantage of the Web structure, social networks, collective intelligence and people collaboration. . In the knowledge field of CSCW, groupware is a technology designed to facilitate teamwork and collaboration. This technology is applicable in various fields such as occupational, recreational or educational. Applications of Web 2.0 can take advantage of groupware. Reciprocally philosophy and current Web technologies provide a very suitable support for collaborative systems. Therefore, today is not only an ideal time to implement collaborative systems on the Web, but also to incorporate the philosophy and approach of Web 2.0 to such systems.

2. Design and development of collaborative learning scenarios with PELICAN

Collaborative learning is a recent pedagogical paradigm that it is providing its instructional adequacy in many educative contexts. Nevertheless, the design and development of that kind of experiences is quite complex to teachers and instructional designers. Actually, these scenarios require not just defining the social arrangement being kept by students along the experiences, the sequence of learning activities being developed by them and the patterns and collaborative interaction protocols being used by them but also the orchestration logic facing the continuous adaptation requirements of the environment to allow a fluid progression of the experience. This speech is going to introduce PELICAN, a technological platform for collaborative learning that fully supports all of these requirements and it allows designing collaborative scenarios as formal and computational assets that can be deployed and reused within different context and instructional settings.

3. Social Media Enhanced Studying and Learning in Higher Education: Students' Attitudes, Motivations and Preferred System Designs

Solutions of social media enhanced studying are widely studied in the Hypermedia Laboratory at Tampere University of Technology (TUT). In recent years Web 2.0 based social media services (e.g., Facebook, Twitter, Last.fm, etc.) have become popular, especially among young people. Based on this phenomenon multilevel research has been done to provide convenient tools for interaction and study support using appropriate modern tools and methods provided by social media.

The Hypermedia Laboratory and the Department of Mathematics at TUT has developed a social networking system for university context. TUT Circle is a versatile environment providing multipurpose tools for social interaction and collaborative studying and working at TUT. The system design and development is based on continuous research on student's



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attitudes and motivations on usage of social media tools in university context studying and learning.

A concept of a social networking system supporting university level studying and preventing students' social exclusion from study and student communities is designed as a part of R&D project "Campus Conexus" funded by European Social Fund (ESF). In the project TUT Circle is used as a development platform for the studied and developed social media concept. Designed features are piloted and experimented using TUT Circle. The modularity of TUT Circle enables experimentation in different environments and universities, which provides possibilities to develop a large scale design of an adaptive social networking system for universities.



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Keynote Presenters' Biographies

Jaime Moreno (UAM)

Jaime Moreno-Llorena is currently Associate Professor in the Computer Engineering Department of the Universidad Autónoma de Madrid (UAM) and has worked since 1989 in the use of Information and Communication Technologies (ITC) in diverse areas. He started his R&D activity in Fundesco (Telefónica foundation) with the use of ITC for disabled people, and then as a researcher at the Scientific Centre IBM-UAM with the use of ICT for multimedia interactive systems, electronic publications and digital storage of archives and libraries. Afterwards, he worked for companies in the ITC sector for several years: at ISP Servicom as Webmaster and developer of many of the first Spanish commercial Websites; at the ABS Consulting Company where he collaborated in the design and deployment of several ISPs; and in Grupo Prisa (Spanish mass-media group), where he took part in the development and operation of Web publications and digital services for masses. Since he joined the UAM in 2001 he has worked in the fields of CSCW, Knowledge Management and CSCL (e-Learning and Blended Learning), all of them using the Internet and the Web as platforms. During this period he has participated in the Spanish national projects of R&D ARCADIA, MosaicLEARNING, eMadrid, METEORIC, AECID A/7954/07 and AECID A/017436/08 , and also in Teaching Innovation Projects of UAM.

Javier Vélez (UNED)

Javier Velez Reyes is a Computer Science engineer by the Universidad Politécnica de Madrid since 2001 and Ph. D. in Computer Science by the Open University of Spain (UNED) since 2009. Currently, he is working as researcher in the latter university within the Learning Technologies and Collaborative Systems researching group. His specialization area is related with design and construction of systems for collaborative learning support. As part of his researcher development, it can be highlighted the construction of the PELICAN platform, a learning system to fully support all the processes revolving around this kind of scenarios and make up a core part of his Ph D. Thesis. Furthermore he has participated in several researching projects with both national and international scope and belongs to the net of excellence NoE – Kaleidoscope wherein he has been involved in several projects related with design and analysis of collaboration.

Thumas Miilumäki (TUT)

Thumas Miilumäki is a researcher and a D.Sc. candidate in the Hypermedia Laboratory and the Department of Mathematics at Tampere University of Technology (TUT). He has a Master of Science (Tech.) Degree in Mathematics by TUT (2010). His recent research concerns web-based eLearning systems in terms of designing and development as well as analyzing social learning system usage and activity using social network analysis (SNA) methods and applications. He is currently working as a researcher in several national and international projects. He is working as a part of interdisciplinary research consortium in a national research project “Campus Conexus” funded by European Social Fund (ESF) focusing on designing a concept of a social networking system supporting university level studying and



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preventing students' social exclusion from study and student communities. He has published several papers and presented them in both national and international conferences.



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