

eMadrid Seminar on “Semantic Web: Experiences, current status and trends”



**Higher Technical School of Forestry Engineering,
UPM University of Madrid
Friday, 11st March 2011
Organizes: eMadrid Net**

Next Friday, 11st March, a seminar on “Smart Web: From Laboratory to Market” will take place in Madrid at the Technical University of Madrid, UPM.

eMadrid is an R+D program between Madrid research groups working on “Research and Development of Technology-Enhanced Learning”. It is coordinated by the Carlos III University of Madrid and composed by the Autónoma University, Complutense University, Technical University, King Juan Carlos University of Madrid and the Distance Learning University UNED.

The different talks schedule is as follows:

15:00–15:45

Luis Sánchez Fernández (UC3M):

“Semantic annotation of text: techniques and applications”

15:45–16:30

Edmundo Tovar (UPM) y Óscar M Bonastre (UMH, GICAC-UPM):

“Semantic Web & Social TV: New challenges for learning frameworks ”

16:30–17:15

Jesús Contreras Cino (UC3M):

“Smart Web: From Laboratory to Market”

Where?

Technical University of Madrid (Ciudad Universitaria Campus)
Higher Technical School of Forestry Engineering
Assembly Hall
Ciudad Universitaria, s/n
28040 - Madrid



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How to get there?

Detailed information: <http://bit.ly/c3k7e1>

- Subway: stop at “Metropolitano”, Line 6
- Bus: 82, 132, F, G, I
- <http://www.montes.upm.es>



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Summary of talks

1. Semantic annotation of text: techniques and applications

The presentation will introduce the Semantic Web, the role of semantic annotation in the Semantic Web and its application to the education domain. Different types of semantic annotations and common techniques used in the state of the art to extract annotations will be presented. Finally, recent results obtained in semantic annotations from documents using instances extracted from Wikipedia will be discussed.

2. Semantic Web & Social TV: New challenges for learning frameworks

The growing amount of data available on the social and semantic Webs, APIs to access and manipulate that data, and trends towards common identifiers and metadata schema will allow new opportunities for future television. Thus, TV and Social Web are merging and they are moving to an interesting direction. The talk will show the new possibilities inherent in Semantic Web, Social Web and Linked Data applied to learning frameworks, among others. Next, the talk will explore new challenges of those learning frameworks to promote future, new and innovative educational services using semantic TV.

3. Smart Web: From Laboratory to Market

A presentation that reviews the history of the semantic web, since its inception in the laboratory until today that it is entering the market. The talk will be accompanied by concrete examples from various sectors, including education, and methodologies to market new technologies. It also includes some predictions about the next generation network and the challenges this poses to the R & D, for innovation and for the educational system in the field of Semantic Web.



Keynote Presenters' Biographies



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Luis Sánchez Fernández (UC3M)



Luis Sánchez Fernández got a degree as Telecommunication engineer at the Technical University of Madrid in 1992 and a PhD degree also at the Technical University of Madrid in 1997. In October 1997 he joined Carlos III University in Madrid where he occupies at the moment a Full Professor position in the Telematic Engineering Department. Luis Sánchez Fernández is the head of the "Web Technologies Laboratory" (WebTLab) (<http://webtlab.it.uc3m.es/index.html>), in Universidad Carlos III.

Luis Sánchez Fernández has participated and/or coordinated several national research projects and European projects, many of them related to Web technologies including Semantic Web technologies. He is the author of more than 50 publications in national and international conferences and journals and of several chapters of scientific books. His current research interests are focused on Semantic Web technologies (semantic annotation, ontologies) and Web 2.0.

Edmundo Tóvar (UPM)



Edmundo Tovar, Computer Engineering educator, has a Ph. D. (1994) and a Bachelor's degree (1986) in Computer Engineering from the Universidad Politécnica de Madrid (UPM). He is Certified Software Development Professional (CSDP) from the IEEE Computer Society. He is Associate Dean for Quality and Strategic Planning in the Computing School of the Universidad Politécnica de Madrid. From this last position he is in charge of the training for academic staff, the introduction of innovative solutions including new pedagogies; new approaches that improve student learning of technical skills and cultural skills, improved methods of blended learning and others. He works in the open educational resources area. Leader of an Innovation Group in Education in the UPM. He is Executive Director of OCW UPM Office and member elected of the Board of Directors of the OpenCourseWare Consortium. Author of many papers in Engineering Education, he is member of the Steering Committee of and cochair for Europe of Frontiers Education Conference (FIE) and member of IEEE RITA Editorial Committee. He is IEEE Senior Member, Past Chairman of the Spanish Chapter and, as member of the Administrative Committee of the IEEE Education Society, he is currently chair of the Distinguished Lectures Program for the IEEE Education Society.



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Óscar M Bonastre (UMH, GICAC-UPM)



Óscar M Bonastre holds a Ph.D in Telecommunications (Technical University of Valencia, Spain) and is Engineer in Computer Science (University of Alicante, Spain). He is member of research group GICAC (Grupo de Innovación en la Gestión de Calidad de Centros Universitarios) of UPM. Also, he is associate professor at University Miguel Hernandez where he teaches Data Bases and Advanced Distributed Systems. He is IEEE Senior Member, Associate Editor of IEEE Transactions on Education, member of IEEE Board Directors (Education Society, Spain section) and member of educational resources committee of same IEEE chapter. His research interests are Semantic Web, Open Educational Resources, Linked Data, Social Networks and Multimedia Content Distribution through IP video and Interactive Television. Dr. Bonastre promotes IPTV technologies and interactive multimedia content distribution as chair of International Workshop on IPTV Technologies and Multidisciplinary Applications (editions 2009 to 2011) and guest editor of the scientific journals IEEE Transactions on Multimedia, Image Communication and Multimedia Tools and Applications.



Jesús Contreras Cino (iSOCO)



Jesús Contreras is a Ph.D in Artificial Intelligence (2004) from Polytechnic University of Madrid (UPM), Spain, and MBA in 2008. Since November 2000 he works in the company iSOCO S. A., at the R & D department as innovation director in semantic web and Smart agents projects. Previously, since 1998, he joined the e-Business Competence Center department in the company Software AG, where he participated in several research projects funded by the European Community as a development engineer and researcher. From 1996 he was fellow researcher at the Smart Systems group UPM and participated in the development of knowledge-based systems and artificial intelligence applications.



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