

EULASUR is a European funded project with an interdisciplinary globally dispersed group of researchers. EULASUR is organizing a summer school in Bariloche, Patagonia, Argentina from Sunday 3rd October to Friday 8th 2010.

The scope of the Eulasur School on "Properties and Application of Nanomaterials" is to provide a selected group of Ph-D students and Postdoctoral fellows from European and Mercosur countries, an up-to-date view of the Synthesis, Processes, Properties and Applications of Materials for Nanotechnology. The participation of young scientists creates a unique opportunity to establish strong and long standing bonds and new collaborations between the two communities.

Embedded in the summer school is a workshop for European and Latin American senior researchers. The aim of the workshop is:

- to explore possibilities for collaborative research in Nano Science and Technology, targeting EU funding
- to understand and embrace innovation
- to integrate societal issues as well as issues related to citizens



LOCATION

The event will be held at Hotel Amancay (www.hotelamancay.com) in the nice city of San Carlos de Bariloche Argentina.



Scholarships and further information:

www.icmab.es/eulasur or contact:

eulasur.bariloche@cab.cnea.gov.ar



ORGANIZERS



COORDINATORS



PROPERTIES AND APPLICATIONS OF NANOMATERIALS

**EULASUR SUMMER
SCHOOL AND
WORKSHOP
BARILOCHE, 3-8 OCT
2010**



eulasur

SCHOOL PROGRAM

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00		Spintronics Manuel Bibes	E. Calvo <i>Nanochemistry</i> Sophie Cassaignon <i>Morphological control of nanoparticles of metallic oxide: towards the control of the electrochemical properties.</i>	Business and Nano B.Thomsen J. Nielsen L. Bloch Rasmussen	B. Maggio <i>Controlled Self-Assembly, Structural Dynamics, and Biocatalysis in Nano-BioSurfaces</i>	O. Grizzi <i>Surface characterization in ultra high vacuum.</i> R. Salvarezza <i>Self-assembled monolayers as structural and functional elements in Nanotechnology.</i>
11:00		COFFE BREAK				
11:30		L. Steren <i>Spin transport in nanostructures.</i>	G. Soler Illia <i>Properties and Applications of Nanomaterials.</i>	LECTURE Laura Lechuga	E. Jares-Erijman <i>Nanoparticles for biological applications.</i>	Sergio S. Funari Potential of SAXS for characterization of nanomaterials
12:30		LUNCH				
14:30		Paulo Freitas Spintronic devices for biological and biomedical applications.	Cyril Aymonier <i>Coupling chemistry and chemical engineering in supercritical fluids for the synthesis of advanced nanostructured materials.</i>	VISIT TO LABS	Nieves Casañ <i>Electroactive Materials, Intercalation and Electrochemistry, for Bio Applications.</i>	Applications T4 F. Galembeck
15:30		Mona Treguer <i>Gold nanoparticles: properties and applications in physics, biology and catalysis.</i>	F.Williams Nanotechnology in the steel industry.		F. Stefani <i>Visualizing and controlling vibrational wavepackets of single molecules.</i>	
16:30		COFFE BREAK			COFFE BREAK	
17:00		Understanding Innovation Coordinators J. Nielsen, L. Bloch Rasmussen	Understandig Innovation Coordinators: J. Nielsen, L. Bloch Rasmussen		Understanding Innovation Coordinators: J. Nielsen, L. Bloch Rasmussen	WORKSHOP CONCLUSIONS
18:00	OPENING WELCOME TO PARTICIPANTS AND STUDENTS		POSTER SESSION		POSTER SESSION	CLOSING REMARKS
20:00		DINNER				

WORKSHOP PROGRAM

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00		WORKING GROUPS	WORKING GROUPS	Business and Nano B.Thomsen J. Nielsen L. Bloch Rasmussen	WORKING GROUPS	
11:00		COFFE BREAK				
11:30		WORKING GROUPS	WORKING GROUPS	LECTURE	WORKING GROUPS	
12:30		LUNCH				
14:30		SCHOOL PROGRAM	SCHOOL PROGRAM	VISIT TO LABS	SCHOOL PROGRAM	SCHOOL PROGRAM
20:00		DINNER				