

Workshop NanoCom

18th and 19th of April 2011 - Centro Atómico Bariloche
Av.E.Bustillo 9500 - (8400) - S. C. de Bariloche - (RN), Argentina

Tentative Program

Monday 18th of April – Sala de Reuniones del edificio de materiales

- 15:00-15:15 **Welcome of the participants**
- 15:15-18:00 **Visit to labs of the CAB**
- 18:00 **Transfer to hotel**
- 21:00 **Dinner** (place to be defined)

Tuesday 19th of April - Sala de Reuniones del edificio de materiales

- 08:30-08:45 **Welcome of participants**
- 08:45-09:00 **Welcome speech**
CAB authorities
- 09:00-09:30 **Presentation of the NanoCom Network**
Flavio Soldera, Saarland University, Germany
- 09:30-10:00 **Title to be defined**
Analia Soldati, Centro Atómico Bariloche, Argentina
- 10:00-10:30 **Design of graded coated cutting tools**
José Luis Garcia, Helmholtz Center Berlin, Germany
- 10:30-11:00 **Coffee break**
- 11:00-11:30 **Design and 3D-Analysis of materials microstructures**
Frank Mücklich, Saarland University, Germany
- 11:30-12:00 **Title to be confirmed**
Ricardo Tarpani, University of São Paulo, Brazil
- 12:00-13:30 **Lunch break**
- 13:30-14:00 **Production of aluminium based MMC reinforced with TiB₂ by rheocasting method and its characterization**
Claudia Carrasco, University of Concepción, Chile
- 14:00-14:30 **Densification behavior of Al, Ag, and Fe based composites**
Carlos Gonzalez Oliver, Centro Atómico Bariloche, Argentina
- 14:30-15:00 **Creep behavior of aluminium matrix composites**
Mario Moreno, Centro Atómico Bariloche, Argentina
- 15:00-15:30 **Coffee break**
- 15:30-16:00 **Current Activities in the Physical Metallurgy Group of the EESC-USP**
Haroldo Pinto, University of São Paulo, Brazil
- 16:00-16:30 **Production of advanced materials**
Diego Acevedo, National University of Río Cuarto, Argentina
- 16:30-17:00 **Design of composite materials for electrical applications**
Flavio Soldera, Saarland University, Germany
- 17:00-17:30 **Conclusions of the meeting and overview of further activities**
Flavio Soldera, Carlos González Oliver
- 17:30 **Transfer to hotel**
- 21:00 **Workshop dinner** (place to be defined)