

First Latin American SCAT Summer School

Universidad Técnica Federico Santa María
Valparaíso, Chile

4-12 January 2007

More information

email : info@scat-alfa.eu

or visit : www.scat-alfa.eu



SCAT project leader: *Dr Lorena Barba (University of Bristol, UK)*

Local organizers: *Dr Gonzalo Hernández, Dr Oscar Orellana, Ms Raquel Pezoa, Dr Luis Salinas,*



*a project funded
by EuropeAid*

Mini-courses in

- Parallel programming with MPI in cluster computers
- Domain decomposition methods
- Linear iterative solvers
- Parallel scientific libraries
- Parallel computational fluid dynamics

And modern application topics, such as

- Microfluidics
- Nanostructures
- Fluid turbulence
- Granular fluids

Monday 8 January
Opening ceremony

Tuesday 9 January

"Open Day" -for all students to learn about opportunities for graduate study abroad.

Invited Lecturers

*Dr Mike Ashworth (UK)
Dr David Emerson (UK)
Dr Matthew Knepley (USA)*

*Prof Charles Meneveau (USA)
Dr Marcus Sarkis (Brazil)
Dr Alberto Verga (France)*

Invited Lecturers (Chile)

*Dr Patricio Cordero
Dr Rodrigo Soto*