



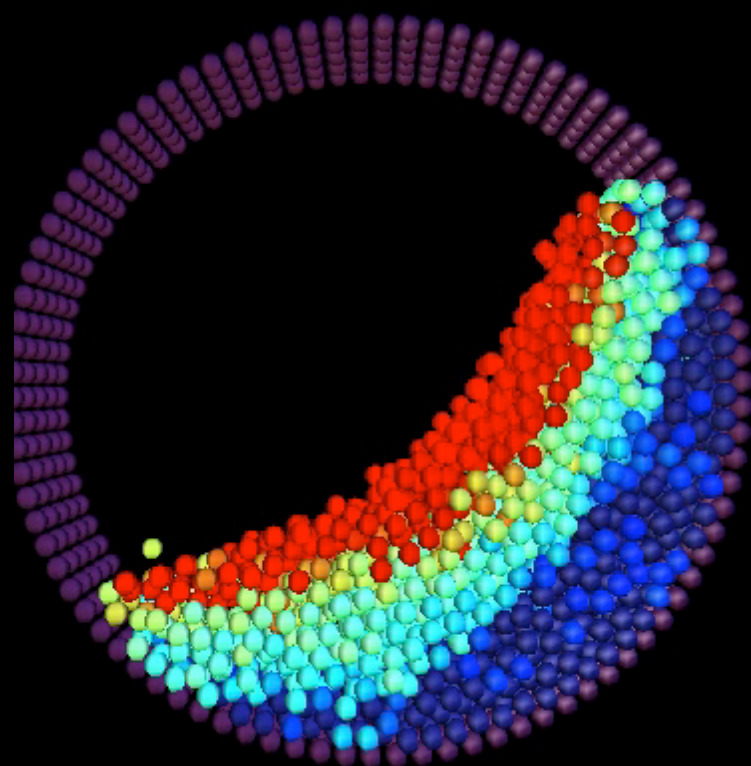
4th Latin American SCAT Workshop

"Developing a Vision for Advanced Computational Scientific Research in the Region."

29 de Septiembre y el 3 de Octubre del año 2008

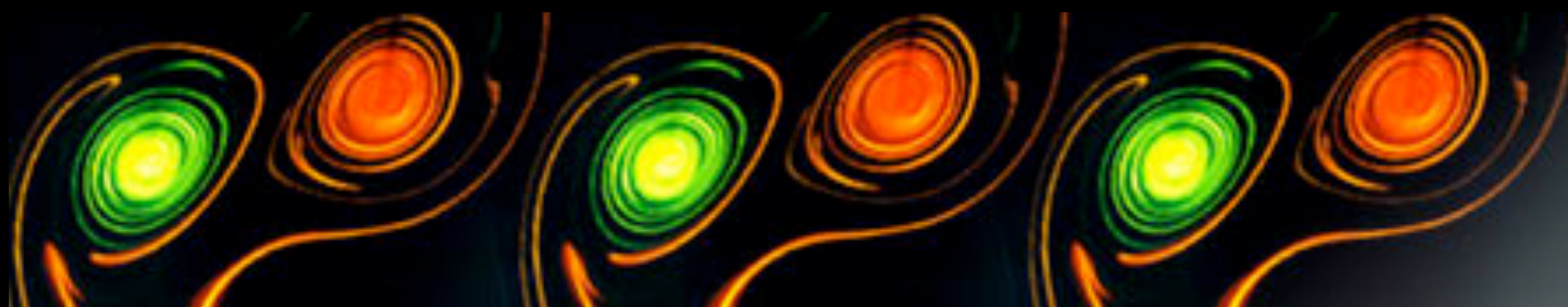
Facultad de Ciencias Físicas y Matemáticas,
Universidad de Chile

http://www.scat.bristol.ac.uk/meetings_and_events/meet9/



The objective of this workshop is to bring together members of the SCAT project in Europe and Latin America with scientists in Chile, to discuss the techniques and needing for doing *Advanced Computational Scientific Research in the Region*. We plan to have scientific and technical discussions about different numerical techniques and approaches, and the best tools for dealing with them.

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Satellite School on Numerical Methods

Open to students on any field interested in learning advanced numerical methods. Interested please contact Prof. Alvaro Nunez (alnunez@dfi.uchile.cl) for further info. The lecturers and topics of the school are:

- 1) Mike Ashworth, Daresbury Laboratory – MPI paralelism
- 2) Maurice Rossi, Université Pierre et Marie Curie Paris VI – Vorticity dynamics
- 3) Lydie Staron, Université Pierre et Marie Curie Paris VI – Granular flows
- 4) Stephen Wiggins, University of Bristol – Oceanic flows
- 5) Sebastián González, Universidad de Chile – Paralelismo multicore
- 6) Andrés Fuentes, Ecole Polytechnique Universitaire de Marseille – Dinámica del fuego
- 7) Lorena Barba, University of Bristol – Meshfree methods and vortex methods

