



UNIVERSIDAD TECNICA  
FEDERICO SANTA MARIA

20-24  
JULY 2009

# HIGH PERFORMANCE COMPUTING TRENDS FOR 2010 AND BEYOND

Federico Santa María Technical University, Valparaíso, Chile



**More information**  
email: [info@scat-alfa.eu](mailto:info@scat-alfa.eu)  
or visit: [www.scat-alfa.eu](http://www.scat-alfa.eu)

## Satellite School

**Parallel computing - Advanced numerical methods - Novel hardware**

*Students are invited to attend, at no cost. Register online!*

### SCAT project leader:

*Dr Lorena Barba (University of Bristol, UK)*

### Local organizers:

*Dr Oscar Orellana, Dr Luis Salinas,  
Ms Javier Cañas, Ing Claudia Arancibia*

### SUB-THEMES

- 1 Non-traditional numerical methods and new algorithms
- 2 Emerging hardware technologies
- 3 Educating a new generation of computational scientists
- 4 Immediate needs for research and challenges
- 5 Life-cycle of the parallel applications
- 6 New hardware and software models