

Meeting on

# PARALLEL ROUTINES OPTIMIZATION AND APPLICATIONS

Facultad de Informática, Universidad de Murcia  
June 12-13, 2007



Two foreign speakers (this is why the languages are Spanish and English)

12th, 13:00-14:00

Alexey Lastovetsky:

A performance model of MPI collective communications for parallel computing on switch-enabled Ethernet-based computational clusters

13th, 13:00-14:00

Emmanuel Jeannot:

Modeling the LU Factorization on SMP clusters



# 12-junio

15:45-16:30 Business

15:45-16:15 Antonio Ruiz Falcó-Rojas (Catón Sistemas Informáticos)

16:15-16:30 Antonio Gómiz Bas (matemático freelance)

16:30-17:30 Parallel programming

16:30-17:00 Francisco Almeida (Univ. de La Laguna)

17:00-17:15 Juan Pedro Martínez (Univ. Miguel Hernández de Elche)

17:15-17:30 Murilo Do Carmo Boratto (Univ. Politécnica de Valencia)

17:30-17:45 Luis Pedro García (SAIT, Univ. Polit. de Cartagena)

18:00-19:00 Parallel computing applications

18:00-18:30 Antonio J. Plaza (Univ. de Extremadura)

18:30-19:45 José Juan López (Univ. Miguel Hernández de Elche)

18:45-19:00 Julio Ortega (Univ. de Granada)

19:00-20:00 High cost scientific problems

19:00-19:15 Alejandro Álvarez (Univ. Politécnica de Cartagena)

19:15-19:30 Sergio Amat Plata (Univ. Politécnica de Cartagena)

19:30-19:45 José Javier López (Univ. Polit. de Cartagena)

13-junio

9:00-10:00 Teaching aspects

9:00-9:15 Antonio M. Vidal (Univ. Polit. de Valencia)

9:15-9:45 Domingo Giménez (Univ. de Murcia)

9:45-10:00 Presentación de libro de Introducción a la Programación

10:15-12:45 Spanish groups in heterogeneous and hierarchical computing: Univ. Almeria, Autónoma de Barcelona, Lérida, Cantabria, Santiago, La Coruña, CESGA, Extremadura, Oviedo, Granada, Castellón, La Laguna, Polit. de Valencia, Murcia

15:45-16:00 Parallel numerical computing

15:45-16:15 Antonio M. Vidal (Univ. Polit. de Valencia)

16:15-16:45 Enrique Quintana (Univ. Jaume I de Castellón)

16:45-17:15 José Miguel Mantas (Univ. de Granada)

17:15-17:30 Enrique Arias (Univ. de Castilla-La Mancha)

17:45-18:30 Birds of a Feather: administration and use of clusters

## ORGANIZATION

- LUNCH and DINNER

  - LUNCH at the University, in the “Centro Social”

    - Those who have a ticket can give the ticket

  - DINNER in the “tascas”

    - Confirm at the desk

- TRAVEL to and from MURCIA

  - Those who haven't a car can contact at the desk