

Topic 13

Routing and Communication in Interconnection Networks

Jose A. Gregorio, Bettina Schnor, Angelos Bilas, and Olav Lysne

Topic Chairs

Welcome to the Euro-Par 2006 Topic 13 on Routing and Communication in Interconnection Networks. Interconnection networks is a key area in the quest for performance in parallel and distributed computers, and this topic is dedicated to techniques that improve the state of the art in interconnecting parallel computers, workstations or clusters.

All aspects of communication in modern systems were considered by the programme committee of this topic. These included advances in the design, implementation, and evaluation of interconnection networks, network interfaces, system and storage area networks, on-chip interconnects, communication protocols, routing and communication algorithms, among others.

This year 22 papers were submitted to this topic. All papers were reviewed, at least, by three referees. Using the referees' reports as basis of discussion, the programme committee picked four of the submitted papers for publication and presentation at the conference.

We would like to thank all the authors for their submissions to this Euro-Par 2006 topic. We owe special thanks to the more than one hundred external referees who provided competent and timely review reports. Their effort ensured the high quality of this track and we expect you will find this topic to be highly stimulating and quite informative.