Preface

Telecommunications became the key economical factor in bridging countries and cultures, speeding the economy, and synchronizing the research topics across multi-national groups and universities.

The conference on telecommunications held in Lisbon, July 17-20, 2005 was a special event where, for the first time, the traditional advanced topics on telecommunications and the newly ones on service assurance with intermittent resources were complemented by special topics on e-learning on telecommunications.

The suite of events held under the generic topic Telecommunications was very well perceived by the international community. Less than 45 percents of the submitted papers were accepted, yet the program had around 90 regular presentations. This year, the technical committee revalidated various accepted papers after the reviews had been incorporated, leading to a high standard and very good quality papers.

The program was rich and dense, covering next generation networks aspects, routing, services, security, QoS, optical networks, management, communications and multiple evaluations and improvement techniques. On the service assurance on partial with intermittent resources the key topics were around handling and monitoring, routing, and web services in such environments. In the e-learning section the authors presented international project-based experiments, models, and Internet and web-based methods.

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We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed Lisbon historical places and their neighborhoods.

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July 17-10, 2005