
NETWORK CONTROL AND ENGINEERING FOR QOS, SECURITY AND MOBILITY, III

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- Open conferences;
- Working conferences.

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NETWORK CONTROL AND ENGINEERING FOR QOS, SECURITY AND MOBILITY, III

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Mallorca, Spain.*

Edited by

Dominique Gaïti

*Université Technique de Troyes,
France.*

Sebastià Galmés

*Universitat de les Illes Balears,
Spain.*

Ramon Puigjaner

*Universitat de les Illes Balears,
Spain.*



Springer

Dominique Gaïti
Université Technique de Troyes,
France.

Sebastià Galmés
Universitat de les Illes Balears,
Spain.

Ramon Puigjaner
Universitat de les Illes Balears,
Spain.

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Preface

This volume contains the proceedings of the Third International Conference on Network Control and Engineering for Quality of Service, Security and Mobility (Net-Con'2004), celebrated in Palma de Mallorca (Illes Balears, Spain) during November 2-5, 2004. This IFIP TC6 Conference was organized by the Universitat de les Illes Balears and sponsored by the following Working Groups: WG6.2 (Network and Internetwork Architectures), WG6.6 (Management of Networks and Distributed Systems), WG6.7 (Smart Networks) and WG6.8 (Mobile and Wireless Communications).

The rapid evolution of the networking industry introduces new exciting challenges that need to be explored by the research community. The adoption of Internet as the global network infrastructure places the issue of quality of service among one of the hot topics nowadays: a huge diversity of applications with quite different service requirements must be supported over a basic core of protocols. Also, the open and uncontrolled nature of Internet enforces the need to guarantee secure transactions among users, thus placing security as another hot topic. Finally, the explosion of mobility and its integration as part of the global infrastructure are probably now the most challenging issues in the networking field.

According to these trends, the intention of the conference was to provide a forum for the exchange of ideas and findings in a wide range of areas related to network control and network engineering with a focus on quality of service, security and mobility control. The main program covered three days and included six sequential sessions and a poster session. Also, the

program was enriched by a keynote speech and two invited talks offered by prestigious and world-renowned researchers in the networking field: Guy Pujolle from the University of Paris 6 (France), who imparted the keynote speech, Harry Perros from the North Carolina State University (USA) and Özgür B. Akan, from the Georgia Institute of Technology (USA). The main conference program was complemented by a variety of stimulating and high-quality tutorials.

Dominique Gaïti
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