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# Universal Multiservice Networks

Third European Conference, ECUMN 2004  
Porto, Portugal, October 25-27, 2004  
Proceedings



Springer

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Library of Congress Control Number: 2004113912

CR Subject Classification (1998): C.2, H.4, H.3, H.5.1

ISSN 0302-9743

ISBN 3-540-23551-5 Springer Berlin Heidelberg New York

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springeronline.com

© Springer-Verlag Berlin Heidelberg 2004  
Printed in Germany

Typesetting: Camera-ready by author, data conversion by PTP-Berlin, Protago-TeX-Production GmbH  
Printed on acid-free paper SPIN: 11336310 06/3142 5 4 3 2 1 0

## Preface

On behalf of the Organizing and Program Committees of the 3rd European Conference on Universal Multiservice Networks (ECUMN 2004), it is our great pleasure to introduce the proceedings of ECUMN 2004, which was held during October 25–27, 2004, in Porto, Portugal.

In response to the Call for Papers, a total of 131 papers were submitted from 29 countries. Each paper was reviewed by several members of the Technical Program Committee or by external peer reviewers. After careful assessment of the reviews, 53 papers were accepted for presentation in 13 technical sessions; half of them originated from countries outside Europe (mainly Asia). This illustrates the strong interest of this conference beyond its original geographical area.

The conference program covered a variety of leading-edge research topics which are of current interest, such as wireless networks, mobile ad hoc networks, sensor networks, mobility management, optical networks, quality of service and traffic, transport protocols, real-time and multimedia, Internet technologies and applications, overlay and virtual private networks, security and privacy, and network operations and management. Together with three plenary sessions from France Télécom, Siemens, and Cisco Systems, these technical presentations addressed the latest research results from the international industry and academia and reported on findings on present and future multiservice networks.

We thank all the authors who submitted valuable papers to the conference. We are grateful to the members of the Technical Program Committee and to the numerous reviewers. Without their support, the organization of such a high-quality conference program would not have been possible. We are also indebted to many individuals and organizations that made this event happen, namely IEEE, EUREL, SEE, Order of Engineers, Institute of Telecommunications, France Télécom and Springer. Last but not least, we are grateful to the Organizing Committee for its help in all aspects of the organization of this conference.

We hope that you will find the proceedings of the 3rd European Conference on Universal Multiservice Networks in Porto, Portugal a useful and timely document that presents new ideas, results and recent findings.

October 2004

Mário Freire, Prosper Chemouil, Pascal Lorenz and Annie Gravey

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