

Preface

The third edition of the International ICST Conference on Mobile Lightweight Wireless Systems (MOBILIGHT 2011) was held during May 9–10, 2011 at the Barcelo Nervion Hotel in Bilbao, Spain, a beautiful venue internationally recognized for business, trading and its devotion to first-level R&D, as buttressed by more than 200 technology-based companies and R&D centers established in this region. This edition continued a series of scientific events previously held in Athens, Greece (2009) and Barcelona, Spain (2010), all of which were dedicated to the latest advances on avant-garde wireless communication techniques, service provisioning and application deployment for resource-constrained devices and networks. In particular, MOBILIGHT 2011 featured first-rate theoretical and practical research on physical-layer information, data and signal processing for wireless systems (e.g., MIMO schemes), transmission of multimedia content over wireless links, and localization and tracking algorithms and applications especially tailored for devices with stringently limited computational resources.

MOBILIGHT 2011 was organized as a 2-day single-track event with 18 technical presentations, and 3 specialized workshops focused on opportunistic sensing and processing in mobile wireless sensor and cellular networks (MOBISENSE), multimode wireless access networks (MOWAN) and strategic network planning applied to market regulation (NETSTRAT), totalling 34 papers presented during the conference and included in the proceedings. A social dinner was also scheduled on the first day of the conference.

The conference had close to 40 participants from industry and academia from a wide range of countries such as Portugal, France, Romania, Tunisia, Denmark, Sweden, France, Greece, Spain, UK and Italy. A number of submissions from world-wide renowned universities, research centers and institutions were received by our Technical Program Committee (Joaquin, Marja and Daniel), to whom we are truly grateful for their support in the review process. Their expertise, knowledge and experience have been the key to rendering an outstanding MOBILIGHT 2011 technical program. We also thank the invited speakers at our event, Pedro M. Crespo (CEIT and TECNUN, University of Navarra, Spain), Robert Piche (Tampere University of Technology, Finland), Marc Brogle (SAP Research, Zürich, Switzerland) and Paul J.M. Havinga (University of Twente, The Netherlands), for accepting our invitation to give keynotes at the conference. Our gratitude also extends to the representatives of ICST, EAI, CREATE-NET and TECNALIA for sponsoring this event and for their help in arranging all the

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logistics. A special acknowledgment is due to Elena J. Fezzardi from EAI for running the event smoothly. Last but not least, we the General Chairs would like to thank all the reviewers, whose effort reflects their commitment to the success of this yearly event.

We eagerly look forward to another successful MOBILIGHT edition in 2012 and forthcoming years.

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Javier Del Ser
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