The International Conference on Advances in Electronics and Micro-electronics (ENICS) 2008, held between September 29, 2008 and October 4, 2008 in Valencia, Spain, was a multi-track event covering a large spectrum of topics related to special electronics and micro-electronics.

Innovations in electronics and micro-electronics are the key support for a large spectrum of applications. The conference focused on several complementary aspects and targets the advances in each on it: signal processing and electronics for high speed processing, micro- and nano-electronics, special electronics for implantable and wearable devices, sensor related electronics focusing on low energy consumption, and special applications domains of telemedicine and e-health, bio-systems, navigation systems, automotive systems, home-oriented electronics, bio-systems, etc. These applications have led to special design and implementation techniques, reconfigurable and self-reconfigurable devices, and required particular methodologies to be integrated on already existing Internet-based communications and applications. Special care was required for particular devices intended to work directly with human body (implantable, wearable, e-health), or in a human-close environment (telemedicine, house-oriented, navigation, automotive). The mini-size required by such devices confronted the scientists with special signal processing requirements.

ENICS 2008 initiated a series of events capturing the advances on special electronics and micro-electronics on both theory and practice, from fabrication to applications using these special circuits and systems. The topics covered fundamentals of design and implementation, techniques for deployment in various applications, and advances in signal processing.

We take here the opportunity to warmly thank all the members of the ENICS 2008 technical program committee as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and efforts to contribute to ENICS 2008. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the historic charm of Valencia, Spain.

ENICS 2008 Chairs
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Francisco J. Mora