



Preface

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This Special Issue contains selected papers presented at the MADICA 2012 Conference, 8th Maghreb-Europe Meeting on Materials and their Applications for Devices and Sensors, held in Sousse, Tunisia, on 7-9 November, 2012.

The conference was devoted to reviewing the current achievements and trends in science and technology of materials that concern the area of the micro and nanotechnologies for chemical sensors, biosensors, physical sensors and optoelectronic devices. Six plenary lectures, 66 oral communications, 200 posters were presented. The topics of these contributions focused on features such as:

- New Materials, Nanomaterials, Biomaterials;
- Sensors, Biosensors, Biochips;
- Micro/Nanosystems.

This conference follows a series of events initiated in 1996. The 200 attendees were issued from the three countries from Maghreb and from five European countries. The quality of presentations was very high and lively discussions took place during the different sessions between physicists, chemists and biologists, corroborating the multidisciplinary of the research activities around micro/nanotechnologies for sensors and devices.

The conference success was due to the help of many people, groups and institutions. We would like to thank them as well as the anonymous referees -who did their work thoroughly and carefully- and the editor of journal of *Sensors and Transducers* for their support.

N. Jaffrezic-Renault

President of MADICA 2012,
Guest editor