

Preface

Dear Colleagues,

On behalf of the conference and program committees, it is our great pleasure to welcome you to Hong Kong and the 5th International Workshop on Wearable and Implantable Body Sensor Networks (BSN 2008), in conjunction with the 5th International Summer School and Symposium on Medical Devices and Biosensors (ISSS-MDBS 2008).

The theme of BSN 2008/ISSS-MDBS 2008 is “*Innovative Healthcare Technologies: From Biosensing to Medical Imaging*”. With the development of innovative wearable/wireless/implantable biosensors, body sensor networks (BSN) techniques are expanding for use in *in vivo* monitoring and intervention for both clinical settings and everyday healthcare. In this way, BSN technology improves the healthcare system, and stimulates the technical breakthroughs in associated healthcare fields, which includes m-Health and telemedicine, and hence improves quality of life. Medical imaging has also brought about great improvements in the quality of health care. BSN 2008/ISSS-MDBS 2008 is intended to address the general issues covering the fast-growing BSN and medical imaging areas, and to offer participants a unique forum to discuss the key issues and innovative solutions for challenges nowadays confronting BSN and medical imaging techniques.

BSN 2008/ISSS-MDBS 2008 final program and proceedings are comprised of about 100 papers/presentations by over 280 authors representing 26 countries worldwide. In addition to the Keynote and Tutorial lectures by renowned academic scientists and industrial experts in the fields of BSN and medical imaging, the program includes 15 sessions covering a large array of technical areas in the field.

We would like to take this opportunity to express our special thanks to the organizations and individuals who have made this meeting possible. First, we wish to acknowledge the generous support of The Chinese University of Hong Kong, Institute of Biomedical and Health Engineering, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, and Key Laboratory for Biomedical Informatics and Health Engineering, Chinese Academy of Sciences. We would also like to acknowledge with gratitude the technical support and assistance of our co-sponsors and technical co-sponsors. We are very grateful to the BSN 2008/ISSS-MDBS 2008 technical committee members for their efforts in reviewing papers, and to all the honorable guests and invited speakers for their significant contributions to the Program. We also wish to express our appreciation to Yong-pei Liang, Fei Chen, Jie Meng, and other volunteers from The Chinese University of Hong Kong for their dedications and contributions to the conference. Finally, we would also like to thank you for joining us at BSN 2008/ISSS-MDBS 2008.

Hope you will find the BSN 2008/ISSS-MDBS 2008 to be an informative and memorable experience!



Zhang, Yuan-ting, Ph.D.
Conference Chair



Bonato, Paolo, Ph.D.
Technical Program Chair