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Min Wang

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Preface

The series of International Symposium on Surface and Interface of Biomaterials was initiated in 2005 when some leading scientists in the biomaterials and tissue engineering field from Japan, Korea, China, Australia and other Asian countries gathered in Korea for an international conference. It was felt that surfaces and interfaces in biomaterials and tissue engineering are highly important issues and that a new series of international conferences on these issues could and should be organized. The first symposium (SIB2007) in the series was organized by Professor Nan Huang of Southwest Jiao Tong University in China and took place in Chengdu, China, on October 5-7, 2007. At SIB2007, I was chosen to organize the Second International Symposium on Surface and Interface of Biomaterials (ISSIB-II) in Hong Kong. I took up the task and ISSIB-II is held in Hong Kong on January 4-6, 2010.

Surfaces and interfaces in biomaterials are highly important issues in the biomaterials and tissue engineering field and form a key scientific base for the rapid development in this field. They are at the forefront of biomaterials R & D. ISSIB-II aims to provide an international forum for scientists, engineers, clinicians and medical device manufacturers to present and discuss the latest scientific findings and technological developments in areas concerning surface and interface of biomaterials. The synthesis, characterization, testing, modeling, assessment, application, and other pertinent aspects of the surface and interface of biomaterials are covered by this symposium. ISSIB-II promotes multidisciplinary research and international and inter-institutional collaborations. Through the sharing of new ideas and concepts, the exchange of information and the use of emerging technologies, important issues regarding biomaterials surface and interface can be tackled, advancing the science and engineering of biomaterials.

ISSIB-II has been supported by numerous researchers from many countries. The symposium received nearly 200 abstract submissions from more than 15 countries in Asia, Europe, North America and Australasia and over 160 papers were selected for presentation at ISSIB-II. Many eminent scientists from leading universities in the world give invited lectures at ISSIB-II. ISSIB-II provides a stimulating forum for research in biomaterials and tissue engineering and an excellent venue for networking with fellow researchers.

The Proceedings collect all presentations at ISSIB-II and standardize them in format. I thank the editorial assistant, Dr. H.-W. Tong, for his assistance in editing the proceedings. The ISSIB-II Secretariat and my colleagues in our department also provide strong support.

On behalf of the Organizing Committee, I sincerely thank the Croucher Foundation, Hong Kong, and Department of Mechanical Engineering, The University of Hong Kong, for generously providing financial sponsorship for ISSIB-II.

Min Wang, PhD
Professor, Department of Mechanical Engineering, The University of Hong Kong
Chairman, The 2nd International Symposium on Surface and Interface of Biomaterials
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