

BIOMEDICAL ENGINEERING SEMINAR SERIES (VI)



Date: 8th October, 2008

Time: 10:30am – 12:00pm

Location: J312, University of Macau

Language: English

Cardiovascular Health Informatics (CHI): Wearable Devices and Body Sensor Networks

By

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Biography



Yuan-ting Zhang (M'90–SM'93–F'06) received the Master Degree from Shandong University, Jinan, China and the Ph.D. degree from the University of New Brunswick, Fredericton, NB, Canada, in 1990.

He is Head of the Division of Biomedical Engineering and Director of the Joint Research Center for Biomedical Engineering at the Chinese University of Hong Kong, Hong Kong, China. He also serves currently as the Director of Key Laboratory for Biomedical Informatics and Health Engineering, Chinese Academy of Sciences, Director of the SIAT Institute of Biomedical and Health Engineering, Chinese Academy of Sciences, and the Chairman (Adjunct) of the Department of Biomedical Engineering, Sun Yat-sen Medical School, Sun Yat-Sen University, Guangzhou, China. He was a Research Associate and Adjunct Assistant Professor at the University of Calgary, Calgary, AB, Canada, from 1989 to 1994. He chaired the Biomedical Division of Hong Kong Institution of Engineers in 1996/1997 and 2000/2001. His current research interests include neural engineering, T-Hz imaging, and wearable medical devices and body sensor networks particularly for mobile health. He has published more than 300 scientific articles in the area of biomedical engineering.

Dr. Zhang was the Technical Program Chair of the 20th Annual Int'l Conference in 1998 and the General Conference Chair of the 27th Annual Int'l Conference in 2005. He served the TPC Chair of IEEE-EMBS Summer School and Symposium on Medical Devices and Biosensors (ISSS-MDBS) in 2006 and 2007. He was elected as an IEEE-EMBS AdCom member in 1999 and served as Vice-President (Conferences) in 2000. He served as Associate Editor for IEEE Trans. on Biomedical Engineering and IEEE Transactions on Mobile Computing. He was also the Guest Editor of IEEE Communication Magazine and IEEE Transactions on Information Technology in Biomedicine. He currently serves as the Editor-in-Chief of IEEE Transactions on Information Technology in Biomedicine, Associate Editor of the Journal of Neuro-engineering and Rehabilitation. He is also on a number of Editorial Boards, the Book Series of Biomedical Engineering published by the IEEE press and the IEEE-EMBS Technical Committee of Wearable Systems and Sensors. He is an honorary advisor of Hong Kong Medical and Healthcare Device Manufacture Association.

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