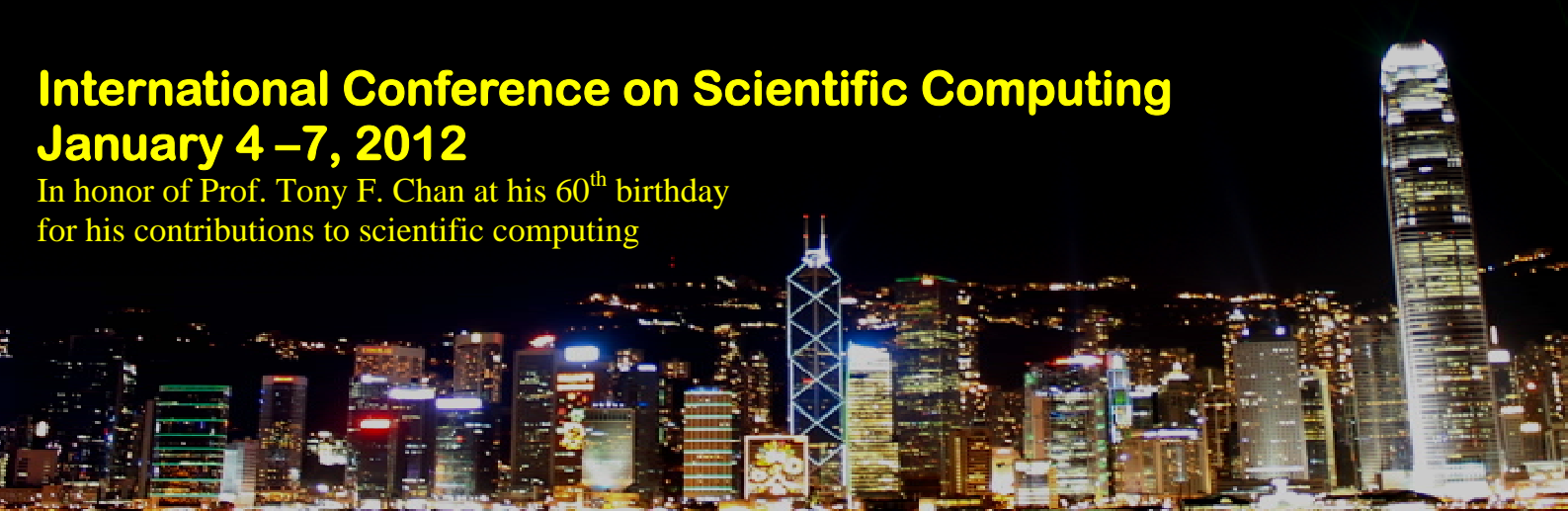# International Conference on Scientific Computing
January 4 –7, 2012

In honor of Prof. Tony F. Chan at his 60th birthday
for his contributions to scientific computing

Venue on January 4, 6 and 7, 2012:
Lecture Theater 7
1/F, Lee Shau Kee Building
The Chinese University of Hong Kong

Venue on January 5, 2012:
LT- E, Cheung On Tak Lecturer Theater
Academic Building
The Hong Kong University of Science and Technology

Scientific computing is an active research area that has important applications to nearly every applied discipline such as engineering, physics, imaging, computer vision, computational biology, and finance. It has also been well recognized as the third approach for doing science, complementing the other two traditional approaches, namely, theories and experiments. This international conference provides a forum for scientific computing experts to exchange ideas and present their latest research achievements. It is also held in honor of Prof. Tony F. Chan at his 60th birthday for his contributions to scientific computing throughout his career.

Invited Speakers

Xavier Bresson, City University of Hong Kong

Emmanuel Candes, Stanford University

Ke Chen , Dalian Univ. of Tech. / Univ. of Liverpool

Louis Chen, National University of Singapore

Zhiming Chen, Chinese Academy of Sciences

Philippe G. Ciarlet, City University of Hong Kong

Jason Cong, University of California, Los Angeles

Felipe Cucker, City University of Hong Kong

Jun-zhi Cui, Chinese Academy of Sciences

Weinan E, Peking University / Princeton University

Björn Engquist, The University of Texas at Austin

Roland Glowinski, University of Houston

Thomas Y. Hou, California Institute of Technology

Shi Jin, Shanghai Jiao Tong Univ. / Univ. of Wisconsin

Sung Ha Kang, Georgia Institute of Technology

David Keyes, Columbia Univ. / King Abdullah Univ. of Sci. & Tech.

Kaitai Li, Xi'an Jiaotong University

Qun Lin, Chinese Academy of Sciences

Ronald Lui, The Chinese University of Hong Kong

Michael Ng, Hong Kong Baptist University

Stanley Osher, University of California, Los Angeles

George Papanicolaou, Stanford University

Li-qun Qi, The Hong Kong Polytechnic University

Yousef Saad, University of Minnesota

Zuowei Shen, National University of Singapore

Zhong-ci Shi, Chinese Academy of Sciences

Stephen Smale, City University of Hong Kong

Gilbert Strang, Massachusetts Institute of Technology

Jiachang Sun, Chinese Academy of Sciences

Eitan Tadmor, University of Maryland

Xue-cheng Tai, University of Bergen

Tao Tang, Hong Kong Baptist University

Justin W.L. Wan, University of Waterloo

Jenn-nan Wang, National Taiwan University

Xiao-ping Wang, The Hong Kong University of Sci. & Tech.

Jinchao Xu, Peking University / Pennsylvania State Univ.

Andy Yip, National University of Singapore

Ya-xiang Yuan, Chinese Academy of Sciences

Pingwen Zhang, Peking University

Xiaoqun Zhang, Shanghai Jiao Tong University

Hongkai Zhao, Peking Univ. / Univ. of California, Irvine

Hao-min Zhou, Georgia Institute of Technology

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The Institute for Advanced Study, The Hong Kong University of Science and Technology
The Institute of Mathematical Sciences, The Chinese University of Hong Hong

For further information:
http://www.math.cuhk.edu.hk/special/icsc2012/index.html
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