

The Fourth International Conference on Scientific Computing and Partial Differential Equations

5-9 December 2011

Hong Kong Baptist University
Hong Kong

Objective:

The fourth conference in the series will review recent scientific developments and to explore exciting new directions in scientific computing and partial differential equations for time-dependent problems and its interaction with other fields. The main themes of the SCPDE in 2011 are Numerical Analysis and Applications of

- Volterra Functional Equations
- Electromagnetic and Acoustic Scattering
- Stochastic Computations
- Numerical Partial Differential Equations

Plenary Speakers:

Evelyn Buckwar *Johannes Kepler University Linz*
Wai Sun Don *Hong Kong Baptist University*
Qiang Du *Pennsylvania State University*
Weinan E *Princeton University*
Donald Estep *Colorado State University*
Roger Ghanem *University of Southern California*
Yunqing Huang *Xiangtan University*
Arieh Iserles *University of Cambridge*
Song Jiang *Institute of Applied Physics and Computational Mathematics*
Peter Jimack *University of Leeds*
Patrick Joly *École Nationale Supérieure de Techniques Avancées*
George Karniadakis *Brown University*
Stig Larsson *Chalmers University of Technology*
Peter Monk *University of Delaware*
Jean-Claude Nédélec *Ecole Polytechnique*
Ian H. Sloan *University of New South Wales, & Hong Kong Polytechnic University*
Gennadi Vainikko *University of Tartu*
Nicholas Zabaras *Cornell University*

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