

The conference is organized jointly by

- Institute of Mathematics, Vietnamese Academy of Science and Technology
- Interdisciplinary Center for Scientific Computing (IWR), Heidelberg
- Ho Chi Minh City University of Technology

with special support from

- Berlin/Brandenburg Academy of Sciences and Humanities
- DFG Research Center Matheon, Berlin
- Gottlieb Daimler- and Karl Benz-Foundation, Ladenburg
- International PhD Program "Complex Processes: Modeling, Simulation and Optimization", Heidelberg and Warsaw

INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE SCIENTIFIC COMPUTING

Modeling, Simulation and Optimization of Complex Processes

March 6-10, 2006
Hanoi, Vietnam

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TOPICS

- mathematical modeling
- numerical simulation
- methods for optimization and control
- parallel computing: architectures, algorithms, tools, environments
- symbolic computing
- software development
- applications of scientific computing in
 - physics, mechanics, chemistry, and biology
 - environmental physics and hydrology
 - transport, logistics and site location
 - communication networks, production scheduling
 - industry and commerce

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CONFERENCE WEBSITES

<http://www.iwr.uni-heidelberg.de/HPSCHanoi2006>
<http://www.hcmut.edu.vn/HPSCHanoi2006>

INVITED SPEAKERS

John M. Ball (Oxford)
Vincenzo Capasso (Milan)
Paolo Carloni (Trieste)
Sebastian Engell (Dortmund)
Donald Goldfarb (New York)
Wolfgang Hackbusch (Leipzig)
Satoru Iwata (Tokyo)
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Tang Tao (Hong Kong)
Philippe Toint (Namur)

REGISTRATION

and hotel reservation can be done by using the conference websites,
or by filling out the corresponding forms and sending them to the contact address

ABSTRACTS

should be prepared corresponding to the instruction given in the conference websites
and sent by e-mail to scicom2006@math.ac.vn

PROCEEDINGS

with selected high-quality contributions will be published by Springer

DEADLINES

for registration and submission of abstracts: November 8, 2005
for submission of data to apply for a business visa through the Vietnamese organizers: January 6, 2006
for submission of full papers for the conference proceedings: May 10, 2006