



SUMMER SCHOOLS 2010

Scientific Committee : B. BIGOT (CEA), Y. BAMBERGER (EDF), M. COSNARD (INRIA),

NUMERICAL ANALYSIS

June 14 to June 25, 2010

MESH GENERATION AND ADAPTATION

Triangulations:
generation and adaptation
• Pascal FREY (UPMC)

Quadrilateral and Hexahedral Mesh
Generation: Theory and Application
• Steve OWEN (Sandia Natl. Lab.)

Error estimates, interpolation,
moving meshes
• Frédéric ALAUZET (INRIA)
• Jean-François REMACLE (UCL)

Hands on session
Seminars:
Various conferences by international
specialists

Coordinators of the Numerical Analysis summer school
Jean-Christophe WEILL, CEA - Pascal FREY, UPMC
e-mail : jean-christophe.weill@cea.fr - frey@ann.jussieu.fr

COMPUTER SCIENCE

June 28 to July 9, 2010

SUSTAINABLE HIGH PERFORMANCE COMPUTING

State of the art for specialized
low level programming
• François BODIN (Caps Entreprise)

Sustainable High Performance Computing
via Domain Specific Libraries
• Lawrence RAUCHWERGER
(Texas A&M University)

Model Driven Architecture
applied to HPC
• Xavier BLANC (Université Paris 6)

Hands on session
Seminars:
Various conferences by international
specialists

Coordinators of the Computer Science Summer School
Benoît LELANDAIS, CEA - Laurent PLAGNE, EDF
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Website : <http://www.inria.fr/actualites/colloques/cea-edf-inria/>

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Deadline for registration : May 30, 2010

Summer schools address researchers, engineers and PhD students.

They allow them to review the state of progress of the proposed subjects and to confront their experiment
The teaching is distributed in English or in French. It is completed by practical works, in small groups, animated by assistants

Both schools will take place in the castle of Cadarache - 13115 Saint Paul Lez Durance - FRANCE

Cost of the registration (any inclusive expenses, in residential seminary, except weekends):

Computer Science school (10 days) or Numerical Analysis school (10 days):

Full rate: 2800 € - Universities and public research institutions: 1400 € - PhD students: 700 €