



SUMMER SCHOOLS 2011

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

COMPUTER SCIENCE

June 13 to June 24, 2011

*BUILDING THE NEXT
GENERATION OF
VISUALIZATION SOFTWARE*

How to build a visualization application for very large data

• Hank CHILDS
(Lawrence Berkley Natl. Lab.)

Advanced techniques for visualizing large, complex data

• Kwan-Liu MA
(UC Davis)

User-Centric scientific visualization

• Ivan VIOLA (Univ. Bergen)

Hands on session

Seminars:

Various conferences by international specialists

NUMERICAL ANALYSIS

June 27 to July 8, 2011

*UNCERTAINTY QUANTIFICATION
FOR NUMERICAL
MODEL VALIDATION*

Uncertainty treatment in computer experiments

• François HEMEZ
(Los Alamos Natl. Lab.)

Validation issues using Bayesian approach

• Rui PAULO
(Technical University of Lisbon)

Rare event estimation in output of computer model

• Emmanuel VAZQUEZ (SUPELEC)

Hands on session

Seminars:

Various conferences by international specialists

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Website : <http://www.inria.fr/actualite/agenda/cea-edf-inria-building-the-next-generation-of-visualization-software>
<http://www.inria.fr/actualite/agenda/cea-edf-inria-uncertainty-quantification-for-numerical-model-validation>

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Deadline for registration : May 30, 2011

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 €