



SUMMER SCHOOLS 2012

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

COMPUTER SCIENCE

June 11 to June 22, 2012

*FUNCTIONAL PROGRAMMING
FOR PARALLEL AND
CONCURRENT APPLICATIONS*

Introduction to
Functional Programming
Ralf HINZE
(Oxford University)

The Practice of
Functional Programming
Andres LÖH
(Well-Typed)

Parallel and Concurrent Programming
in Haskell
Simon MARLOW
(Microsoft Research)

NUMERICAL ANALYSIS

June 25 to July 6, 2012

*STOCHASTIC
OPTIMIZATION*

Large-Scale Approximate
Dynamic Programming and
Reinforcement Learning
Dimitri BERTSEKAS (MIT)

Stochastic Programming
Roger WETS (UC DAVIS)

Information Constraints
in Stochastic Control
Pierre CARPENTIER
(ENSTA ParisTech)
Jean-Philippe CHANCELIER
Michel DE LARA
(Ecole des Ponts ParisTech)

– Hands on session –

– Seminars: various conferences by international specialists –

Coordinators of the Computer Science Summer School

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Coordinators of the Numerical Analysis Summer School

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Registration Deadline: May 30, 2012

Summer schools are intended for researchers, engineers and PhD students.

They allow them to review the state of progress of the proposed subjects and to confront their experience.

The teaching is done in English. It is complemented by practical works, in small groups, hosted by assistants.

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

Cost of the registration (accommodation and all expenses included),

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

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