

INSTITUT D'ETUDES SCIENTIFIQUES DE CARGÈSE

Cargèse International School

Thematic School on Numerical Simulation

April 23 - 27, 2018

Web site

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The eighth edition of the Thematic School on Numerical Simulation will be held from April 23rd to 27th, 2018 at the Institute of Scientific Studies in Cargèse (France).

The School will focus on **Validation of Numerical Simulations**.

The aim of this week is to enable engineers to develop expertise in V&V by confronting their point of view with that of academic partners.

The chosen format - courses, tutorials and workshops - is intended to address many topics of validation and to facilitate exchanges between researchers.

The target audience will be young doctoral students (25%), post-doctoral fellows (25%) and engineers (50%) who wish to expand their knowledges in the field and possibly open professional opportunities

Main topics will include

- Numerical Verification
- Physical Validation
- Floating-point accuracy
- Uncertainty quantification
- Sensitivity Analysis

Eminent scientists in the field will animate the workshop. These include:

JB. Blanchard (CEA, DEN), D. Bouche (CEA, DAM), E. Petit (Intel), F. Fevotte (EDF R&D), C. Denis (EDF R&D, ENS Paris Saclay), G. Perrin (CEA, DAM), P. Sagaut (Université d'Aix-Marseille)

Scientific Committee

JP, Braeunig (CEA, DAM), F. De Vuyst (Université de Technologie de Compiègne), JM. Ghidaglia (ENS Paris Saclay), P. Le Tallec (École Polytechnique), A. Llor (CEA, DAM), R. Loubère (CNRS, Université de Bordeaux), R. Motte (CEA, DAM), M. Peybernes (CEA, DEN), V. Rivoire (CEA, DAM)

Organization Committee

R. Motte (CEA, DAM), G. Naulin (CEA, DAM), V. Rivoire (CEA, DAM)

Application and registration

<http://www.iesc.univ-corse.fr/fr/participation/inscriptions-en-ligne/acces-enregistrement/idecole4/1018/>

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