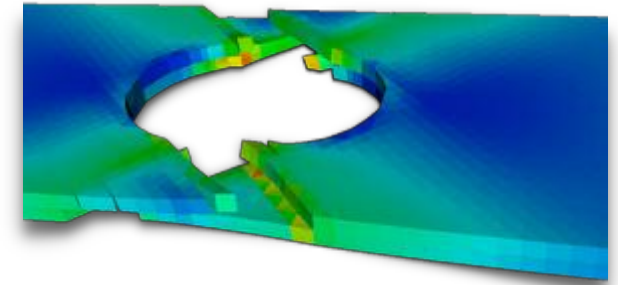


WORKSHOP

NEW CHALLENGES IN COMPUTATIONAL MECHANICS



A CONFERENCE CELEBRATING
THE 70TH BIRTHDAY OF
PIERRE LADEVÈZE

CACHAN

MAY 23-25, 2016

<http://nccm2016.sciencesconf.org>

Motivation

The New Challenges in Computational Mechanics – NCCM 2016 conference is unusual in that it has a dual overarching objective.

On the one hand, it is a celebratory conference, on the occasion of Pierre Ladevèze's 70th anniversary in which the participants will honor Pierre Ladevèze and recognize his numerous, important, and sustained contributions to the field of computational mechanics.

On the other hand, NCCM 2016 will provide a venue for the exchange of ideas and latest research results in Computational Mechanics. Organizers would like to promote Pierre's favorites:

- Verification
- Validation
- Damage and fracture, composites
- Multiscale computational methods
- Inverse problems, identification
- Stochastic modeling and uncertainties
- Dynamic from low to high frequencies
- Virtual testing
- Robust design

The workshop is of course also open to new ideas in all other exciting topics of Computational Mechanics. It will bring together scientists and engineers belonging to the Computational Mechanics community in order to discuss the main recent advances in the field.

Discussion sessions will give the opportunity to debate the future of Computational Mechanics with respect to science and industry.

Location and accommodation

The conference will take place on the campus of the Ecole Normale Supérieure de Cachan, located 4 km south of Paris. A suburban train reaches the center of Paris in 18 minutes and the same line serves the Roissy-Charles de Gaulle and Orly international airports.

Two hotels are located within walking distance (15 minutes):

Hôtel Comfort

2 rue Mirabeau, 94230 CACHAN

Phone: (33) 1 45 47 18 00

Fax: (33) 1 45 47 01 81

Hôtel Alixia

82 avenue du Général Leclerc, 92340 BOURG LA REINE

Phone: (33) 1 46 60 56 56

Fax: (33) 1 46 60 57 34

Of course, Paris offers many hotels at various rates.

All hotel reservations are to be made by the participants themselves.

Registration

Informations are available on the website:

<http://nccm2016.sciencesconf.org>

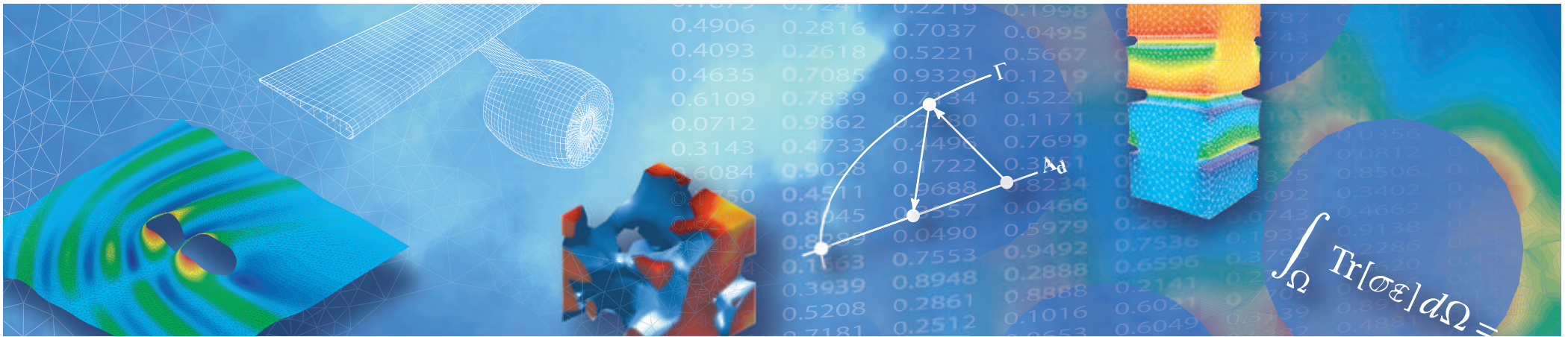
Space is limited, so please register early!

Registration will be taken in the order received and at the latest by 30 April 2016.



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PARIS-SACLAY





NEW CHALLENGES IN COMPUTATIONAL MECHANICS

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Conference Co-Chairs

O. Allix LMT Cachan
ENS Cachan/CNRS/Université Paris-Saclay
F. Chinesta ICI
Centrale Nantes

Local Organisation Committee

P.A. Boucard
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P.A. Guidault LMT Cachan
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Supporting organizations



Invited lecturers

Olivier ALLIX	ENS Cachan - France
Pedro CAMANHO	Universidade do Porto - Portugal
Ludovic CHAMOIN	ENS Cachan - France
Paco CHINESTA	Centrale Nantes - France
Alain COMBESURE	INSA Lyon - France
Alberto CORIGLIANO	Politecnico di Milano - Italy
Pedro DIEZ	Univ. Politècnica de Catalunya - Spain
David DUREISSEX	INSA Lyon - France
Charbel FAHRAT	Stanford University - USA
Marc GEERS	TU Eindhoven - The Netherlands
Jay GOPALAKRISHNAN	Portland State University - USA
Didier GUEDRA-DEGEORGES	AIRBUS Group Innovation - France
Francois HILD	ENS Cachan - France
Antonio HUERTA	Univ. Politècnica de Catalunya - Spain
Sergio IDELSOHN	Univ. Politècnica de Catalunya - Spain
Wing Kam LIU	Northwestern University - USA
Gilles LUBINEAU	KAUST - Saudi Arabia
Yvon MADAY	UPMC Sorbonne Universités - France
Hermann MATTHIES	TU Braunschweig - Germany
Yuan MINGWU	Peking University - China
Nicolas MOES	Centrale Nantes - France
David NERON	ENS Cachan - France
Roger OHAYON	CNAM - France
Javier OLIVER	Univ. Politècnica de Catalunya - Spain
Eugenio ONATE	Univ. Politècnica de Catalunya - Spain
D.R. Jones OWEN	Swansea University - UK
Umberto PEREGO	Politecnico di Milano - Italy
Djorje PERIC	Swansea University - UK
Wolfgang WALL	TU München - Germany
Peter WRIGGERS	Hannover University - Germany

