

NSC20 the 8th International Conference on Nonlinear Science and Complexity **CCT20 the 4th International Conference on Chaos, Complexity and Transport**

This international conference is a joint meeting of the
NSC20 the 8th International Conference on Nonlinear Science and Complexity
CCT20 the 4th International Conference on Chaos, Complexity and Transport

The aim of this international conference is to **bring together experimentalists and theoreticians from various fields to discuss non-linear phenomena** related to chaos, complexity and transport. The committees will thus encourage interdisciplinary contributions as well as contributions related to the **following topics**: Dynamical Systems, Chaos, Transport, Complex systems, Self-organization, Biophysics, Hamiltonian systems, Mixing, Quantum chaos, Control, Fluid mechanics, Plasma physics, Nonlinear optics

Submission deadline has been set to February 15th 2020 (tentative).

Abstract submission for an oral or poster presentation can be performed on the conference website <https://nscct20.sciencesconf.org/>

Chaos, Complexity and Transport(CCT20) and Nonlinear Science and Complexity (NSC20)
May [25-29 , 2020](#) Marseille, France

The scope of the conference is to discuss shared phenomena in nonlinear dynamics related to chaos, transport and complexity.

A strong emphasis will be put on the interdisciplinary character of the conference.

In the spirit of its interdisciplinary character, we encourage contributions from the following fields:

- * Chaos
- * Nonlinear Physics
- * transport
- * complex system
- * self-organization
- * Dynamical Systems
- * Hamiltonian systems
- * mixing
- * quantum chaos
- * control
- * fluid mechanics
- * plasma physics
- * nonlinear optics

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The invited speakers are:

- P. Clavin (IRPHE, Aix-Marseille Université, France)
 - B. Dubrulle (SPEC, CEA, CNRS, Université Paris-Saclay, France)
 - D. Fanelli (University of Florence, Italy)
 - M. Fontelos (Complutense University of Madrid, Spain)
 - J. Kurths (Potsdam Institute for Climate Impact Research, Potsdam, Germany)
 - Y. Pomeau (Ladhyx, Ecole Polytechnique, France)
 - J.-L. Thiffeault (University of Wisconsin, Madison, USA)
 - E. Ugalde (Universidad Autonoma de San Luis de Potosi, Mexico)
 - M. Zaks (Humbolt University of Berlin, Germany)
 - M-C Firpo (LPP, Ecole Polytechnique, France)
 - S. Ogawa (Rikken Institute, Japan)
 - F. Raynal (Ecole Centrale de Lyon, France)
 - C. Manchein (Santa Catarina State University (UFSC), Brazil)*
 - D. Volchenkov, (Texas Tech University, USA)
 - I. Ovsyannikov (University of Hamburg, Germany)
 - T. Barois (LOMA, Bordeaux, France)
 - T. Séon (Institut d'Alembert, CNRS, Paris, France)
 - A. Viallat (CINAM, CNRS, Marseille, France)
 - M. Edelman (Yeshiva University, New York, USA)
 - L. Ostrovsky (University of Colorado, Boulder, USA)
- * To be Confirmed

Further information (registration procedure, scientific program and committees, conference location, hotels list etc.) will be found on the conference web site: <https://nscct20.sciencesconf.org/> which will be regularly updated.

Please feel free to forward this message to anyone you think could be interested in this conference. We apologize if you receive this announcement more than once.

For the organizing committee,
Christophe Josserand, Xavier Leoncini and Simon Villain-Guillot

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