



## « Applications of statistical-mechanics and dynamical systems to climate »

Workshop 15-16-17 November – LSCE CEA Saclay\*

### PROGRAMME

**15 November** (LSCE – Bat 712 Piece 100)

- 10h00 Friedrichs P. (Bonn University) 'Predicting spatial weather extremes'  
10h45 Yiou P. (LSCE) 'Conditional Attribution of climate extremes'  
11h30 Dubrulle B. (SPEC -CNRS) 'Towards understanding the Maximum Entropy Production principle'

12h30 *Lunch*

- 14h00 Vaienti S. (CPT Marseille) 'Extreme Value theory in Dynamical Systems'  
14h45 Moloney N. (LML London) 'An overview of the Extremal index'

15h30 *Coffee break*

- 16h00 Manneville P. (LadHyx, Ecole Polytechnique) 'About turbulence decay via extremes'  
16h45 Messori G. (Stockolm University) 'Windstorms over Europe'

**16 November** (LSCE – Bat 712 Piece 100)

- 10h00 Naveau P. (LSCE) 'Modelling jointly low, moderate and heavy rainfall intensities'  
10h45 Sato Y. (Hokkaido University) 'Stochastic bifurcation in random logistic maps'  
11h30 Faranda D. (LSCE) 'Stochastic attractors in a turbulent swirling flow'

12h30 *Lunch*

20h00 *Workshop Dinner* (Restaurant 'Rice and Fish' 16 et 22, rue Greneta, Paris\*\*) )

**17 November**

**All day : Discussion about projects and long-term stays**

### DIRECTIONS

\* From Paris : take the RER-B train direction Sud, Destination 'Massy Palaiseau'. Change at Massy with the bus 91.06C to 'Christ de Saclay'. Bus Stop: 'Orme des Merisiers'

\*\*Metro stop : Etienne Marcel (Line 4) – Chatellet les Halles (RER B)

### CONTACTS AND ORGANISERS

Pascal Yiou, Florence Gerry, Davide Faranda

For more information please contact: [davide.faranda@lsce.ipsl.fr](mailto:davide.faranda@lsce.ipsl.fr)