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EUROPEAN
TURBULENCE
CONFERENCE

The European Turbulence Conference gathers every two years the community of scientists involved in the study of turbulence, from fundamental physics issues to applied fluid mechanics – usually over 450 participants. Eight outstanding contributors are the central invited speakers, and 4 sessions are run in parallel.

Event: ETC14

(14th Edition of the European Turbulence Conference)

Place: Lyon, France

Hosts: Ecole Normale Supérieure de Lyon, under the auspices of EUROMECH

Date: 1–4 September 2013

Scientific Committee

Konrad Bajer (U. Warsaw)
Eberhard Bodenschatz (MPI Goettingen)
Carlo Casciola (La Sapienza, Roma)
Peter Davidson (U. Cambridge)
Stephan Fauve (ENS de Paris)
Yury Kachanov (U. Novosibirsk)
Erik Lindborg (KTH Stockholm)
Detlef Lohse (U. Twente)
Jean-François Pinton (ENS de Lyon)
Neil Sandham (U. Southampton)

The first ETC meeting took place in 1986 at the Ecole Centrale, in Lyon. For the 14th edition and 25th anniversary of this very successful event, the Euromech Committee has again selected Lyon.

contact

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Local Organization Committee

Jean-François Pinton (ENS de Lyon), Mickael Bourgoin (Université de Grenoble), Fabien Godeferd (EC Lyon), Aurore Naso (EC Lyon), Alain Pumir (ENS de Lyon), Romain Volk (ENS de Lyon), Laurent Chevillard (ENS de Lyon).

Important dates to come

Opening of abstract submissions : October 2012
Deadline for abstract submissions : January 8th, 2013
Notification of acceptance : March 1st, 2013
Opening of registrations : March 15th, 2013
Deadline for early registration : May 31st, 2013

Invited speakers (TBC)

1. Axel Brandenburg (Nordita, Sweden)
2. Roberto Camussi (Roma Tre University, Italy)
3. François Daviaud (CEA, France)
4. Arne V. Johansson (KTH Stockholm, Sweden)
5. Rich Kerswell (University of Bristol, U.K.)
6. Szymon P. Malinowski (Warsaw University, Poland)
7. Haitao Xu (MPI Goettingen, Germany)
8. Beverly J. McKeon (CalTech, Pasadena, U.S.A.)

Topics include, but are not limited to

- Acoustics of turbulent flows
- MHD turbulence
- Atmospheric turbulence
- Reacting and compressible turbulence
- Control of turbulent flows
- Transport and mixing
- Geophysical and astrophysical turbulence
- Turbulence in multiphase and non-Newtonian flows
- Instability and transition
- Vortex dynamics and structure formation
- Intermittency and scaling
- Wall bounded flows
- Large eddy simulation and related techniques
- Turbulent combustion
- Lagrangian aspects of turbulence
- Turbulence in superfluids

More information at

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