



MECO 42

42nd Conference of the Middle-European Cooperation in Statistical Physics

Lyon, France, 8-10 February 2017



The Conferences of the Middle European Cooperation in Statistical Physics (MECO) were initiated in 1974 with the aim of bridging the gap between the communities of scientists from the Eastern and Western blocks of Europe, separated by the iron curtain. Since then, MECO conferences have become the yearly itinerant reference meetings for the community of scientists who are active in the field of Statistical Physics in the broader sense, including modern interdisciplinary applications to biology, finance, information theory, and quantum computation.

The MECO42 conference will be held in

ENS de Lyon (France), 8-10 February 2017

It is intended to cover the recent developments in Statistical Physics and its interdisciplinary application. In particular, the keynote speakers provide an overview of advances in the following areas of Statistical Physics:

- Disordered systems
- Quantum many body systems
- Frustrated systems
- Topological phases of matter
- Non-equilibrium phenomena
- Active matter
- Soft matter



All participants are encouraged to present poster or/and propose an oral contribution. Oral presentations will be selected among the abstracts submitted before the

2nd of December 2016 [extended]

Further information and the online registration form can be found on the Conference website at

<https://meco42.sciencesconf.org/>



Keynote speakers:

J.-S. Caux (the Netherlands)
 J. Chalker (UK)
 S. Ciliberto (France)
 I. Giardinà (Italy)
 Z. Hadzibabic (UK)
 P. Prelovsek (Slovenia)
 V. Simonet (France)
 P. Sollich (UK)
 K.J. Wiese (France)
 E. Zaccarelli (Italy)
 L. Zdeborova (France)
 A. Zippelius (Germany)

Local organizers:

T. Biben (Université Lyon 1)
 A. A. Fedorenko (ENS de Lyon)
 P. Holdsworth (ENS de Lyon)
 E. Orignac (ENS de Lyon)
 T. Roscilde (ENS de Lyon)

International Advisory Board:

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