

Summer School and Workshop on
Self-Organization in Turbulent Plasmas and Fluids

May 03 - 14, 2010

Summer School: May 03 - 07, 2010

Workshop: May 10 - 14, 2010

Scientific coordination:

Frank Jenko

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Organisation:

Mandy Lochar

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Dresden, Germany

Over the last several years, there have been major advances in the experimental observation and theoretical understanding of turbulent plasmas and fluids. This meeting will bring together theoreticians and experimentalists from three different fields, namely plasma turbulence, fluid turbulence, and dynamo physics. Some of the overarching themes will be pattern formation, coherent structures, and the dynamics of tracers in turbulent flows. The goal is to review our current understanding of turbulent plasmas and fluids, to exchange ideas between these research areas, as well as to foster collaborations.

Invited speakers

E. Bodenschatz (Germany)
A. Brizard (USA)
D. Carati (Belgium)
J. Büchner (Germany)
S. Cowley (UK)
W. Dorland (USA)
B. Dubrulle (France)
B. Eckhardt (Germany)
G. Falkovich (Israel)
M. Farge (France)
C. Forest (USA)
T. Görler (Germany)
R. Grauer (Germany)

G. Hammett (USA)
U. Hansen (Germany)
G. van Heijst (Netherlands)
C. Jones (UK)
O. Kamps (Germany)
J. Krommes (USA)
D. Lathrop (USA)
J. Peinke (Germany)
J.-F. Pinton (France)
A. Pumir (France)
K. Reuter (Germany)
P. Ricci (Switzerland)
B. Rogers (USA)

G. Rüdiger (Germany)
A. Schekochihin (UK)
K. Schneider (France)
J. Schumacher (Germany)
M. Shats (Australia)
F. Stefani (Germany)
U. Stroth (Germany)
P. Terry (USA)
A. Tilgner (Germany)
A. Tsinober (UK)
C. Vassilicos (UK)
G. Zimbardo (Italy)

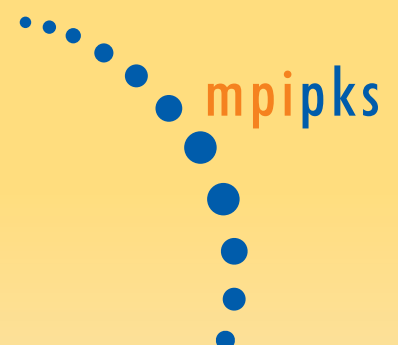
Applications for participation and poster or oral contributions are welcome and should be made by using the application form on the seminar and workshop's web page (please see URL below). The number of attendees is limited. The **registration fee** for the workshop is **100 €** and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute for the Physics of Complex Systems. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

Deadline for registration is February 14, 2010.



For further information please contact:

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