

Kick-Off Meeting - Agenda

Day 1 (05.12.16, Ernst-Abbe-Zentrum, room 1337/1338)

- 13:30 - 14:00 **Welcome and short introduction**
Jörg Schumacher, TU Ilmenau
- 14:00 - 15:30 **Introduction to Rayleigh-Bénard convection***
Stephan Weiss, MPIDS Göttingen
- 15:30 - 15:45 **Coffee Break**
- 15:45 - 16:00 **DFG-Experimental Device Center and CoLaPipe**
Christoph Egbers, BTU Cottbus
- 16:00 - 17:30 **Introduction to set- and manifold-oriented Lagrangian analysis***
Oliver Junge, TU München
- 18:00 - 19:00 **Meeting of Steering Committee (Haus M)**

Day 2 (06.12.16, Ernst-Abbe-Zentrum, room 1337/1338)

- 09:00 - 10:30 **Introduction to turbulent shear flows***
Bettina Frohnafel, KIT
- 10:30 - 10:45 **Coffee Break**
- 10:30 - 12:00 **Introduction to Exact Coherent States***
Bruno Eckhardt, Universität Marburg
- 12:00 - 12:10 **Group Photo** (in front of Ernst-Abbe-Zentrum)
- 12:10 - 13:30 **Lunch Break** in Mensa
- 13:30 - 16:00 **Poster session and discussions**
- 16:00 - 18:00 **Group discussion and Networking**
Jörg Schumacher, TU Ilmenau
- *Collection of first results of poster discussion*
 - *Set-up of networking matrix*
- 19:00 - 22:00 **Joint Dinner** (Hotel Tanne, at own expense)

Day 3 (07.12.16, Meitner Bau, seminar room 1.1.102/1.1.103)

- 09:00 - 09:35 **Lagrangian Coherent Structures - State of the Art****
George Haller, ETH Zürich
- 09:35 - 10:10 **Turbulent Boundary Layer Experiments - State of the Art****
Christian Kähler, UniBW München
- 10:10 - 10:45 **Exact Coherent States in pipe flow - State of the Art****
Marc Avila, Universität Bremen

10:45 - 11:00 **Coffee Break**

11:00 - 11:20 **Results of the networking discussion**
Jörg Schumacher, TU Ilmenau

11:20 - 12:00 **Next organization steps and closing remarks**
Jörg Schumacher, TU Ilmenau

- *PhD summer school 2017 (where?, when?)*
- *Euromech Colloquium 586 in July 2017*
- *Data base for comparison of mathematical analysis methods (RB convection in cube)*
- *Data formats*

** Introductory Lecture (Blackboard and beamer possible), 60 minutes lecture + 30 minutes discussion*

*** Research talk, 25 minutes talk + 10 minutes discussion*