International Research Training Group 1529

Mini-Workshop on Geometric Fluid Mechanics

January 21, 2001 in S2 15/room 51

10.00 - 10.50 am: Karl-Hermann Neeb, TU Darmstadt
"Basics on Lie groups and Hamiltonian Actions"

10.50 - 11.10 am: Coffee break

11.10 - 12.00 am: Cornelia Vizman, West University of Timisoara
"Dual pairs in infinite dimensions with applications"

12.00 - 2.00 pm: Lunch

2.00 - 2.50 pm: Gerard Misiolok, University of Notre Dame
"L^2 geometry of diffeomorphism groups and
equations of hydrodynamics, Lecture II"

2.50 - 3.10 pm: Coffee break

3.10 - 4.00 pm: Feride Tiglay, EPFL Lausanne
"Euler-Poincaré equations on Lie groups and
homogeneous spaces, their orbit invariants and
applications to PDE"

The coffee break will be held in the foyer of the 4th floor.