T^4 Conference

Section: Large-scale transport in the atmosphere and oceans
(May 24-25, 2012)
http://theop11.chem.elte.hu/T4

Plenary lectures:

Anton Daitsche (Münster University, Germany)
An approach to turbulence from first principles

János Józsa (BME, Budapest, Hungary)
Shallow lake dynamics: an exposure to extreme space and time variations

Workshop: Large-scale transport in atmosphere and oceans
(organizers: Imre Jánosi and Tamás Tél)

Location: Room 059 Chemistry Building
(15 minutes lectures + 5 minutes discussion time)

Thursday, 24 May 2012

14:10–14:30 Gergely Bölöni (Hungarian Meteorological Service, Budapest, Hungary)
Ensemble methods for diagnosing forecast errors and for probabilistic forecasting

14:30–14:50 Gabriella Szépszó (Hungarian Meteorological Service, Budapest, Hungary)
Uncertainties in meteorological modeling: is it weakness or strength?

14:50–15:10 Viktória Homonnai (ELTE, Budapest, Hungary)
Correlation properties of global empirical and CCMVal-2 ozone time series

15:10–15:30 Tímea Haszpra (ELTE, Budapest, Hungary)
Aerosol particle advection in the atmosphere: Eyjafjallajökull and Fukushima

15:30–15:50 Tamás Práger (ELTE, Budapest, Hungary)
Similar global scale motions in the atmosphere and in the ocean

15:50–16:10 Break

16:10–16:30 Anton Daitsche (Münster University, Germany)
Memory effect in the advection of inertial particles

16:30–16:50 Sándor Baranya BME, Budaopest, Hungary)
Numerical modelling of mixing at the confluence zone of two rivers using a nested grid approach

16:50–17:10 Miklós Vincze (ELTE, Budapest, Hungary)
Experimental modelling of the Atlantic multidecadal variability

17:10–17:30 Márton Zsugyel (BME, Budapest, Hungary)
On the chaotic features of mixing at river groynes

17:30–17:50 József Vanyó (ELTE, Budapest, Hungary)
Chaotic motion of light particles in an unsteady three dimensional vortex: experiment and simulation