6th Workshop on Kinetic Theory and Applications
Karlstad University, Sweden, May 12-14 2014

Programme

May 12 Monday   Room: 21E 205

Morning session

11.00 – 11.10   Opening

11.10 – 11.45   *The spatially homogeneous Boltzmann equation in various functional spaces*, A. Bobylev (Karlstad)

11.50 – 12.25   *Kinetic consistent equations of magnetogasodynamics and their implementation for supercomputers* ,

14.00 – 14.35   *Hydrodynamic limit of some P and NP combinatorial optimization problems*, Y. Brenier (Paris)

14.35 – 15.05   Coffee break

15.05 – 15.40   *On spectral analysis of semigroups in a Banach space and*

May 13 Tuesday   Room: 21E 205

Morning session

09.30– 10.05 *Rigorous derivation of the Fick's law in a low density regime*,
              M. Pulvirenti (Rome)

10.10 – 10.45 *Some new estimates for the Vlasov-Poisson equation*,
              L. Desvillettes (Paris)

10.45– 11.10 Coffee break

11.10 – 11.45 *5A are#La#tdo2 06p7 6(4ks fo)]T L o z(l s) BIC 18a (Pa0s9(w)-3 0 Td 7.393 0-6.5*

11.50 – 12.25 45

May 14 Wednesday   Room: 21E 205

Morning session

09.30 – 10.05   *Decay of a linear pendulum in a collisional gas: Spatially one-dimensional case,* K. Aoki (Kyoto)

10.10 – 10.45   *Bose condensates in interaction with excitations -a two-component spacedependent model close to equilibrium,* A. Nouri (Marseille)

10.45 – 11.10   Coffee break

11.10 – 11.45   *On the anyon Boltzmann equation,* L. Arkeryd (Göteborg)

11.50 – 12.25   *Numerical modeling of the electron heating for the nonlinear collision kinetic equation with a quasilinear diffusion operator,* I. Potapenko (Moscow)

12.30 – 13.30   LUNCH

Afternoon session

13.30 – 14.05   *On summability of moments and their applications,* I. Gamba (Austin, Texas)

14.05 – 14.15   Closening