

LIST OF PARTICIPANTS

Participants (●) and talks, members of the scientific (*) and organizing (#) committees:

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Conservation laws with discontinuous fluxes
- Anton Arnold (Münster) (arnold@math.uni-muenster.de)
The entropy method for refined convex Sobolev inequalities
- Stefano Bianchini (Trieste) (bianchin@sissa.it)
A conjecture on mixing properties of vector fields and Besov Spaces
- * # ● Piotr Biler (Wrocław) (biler@math.uni.wroc.pl)
- Alexander Bobylev (Karlstad) (alexander.bobylev@kau.se)
Self-similar solutions of the Boltzmann equation
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Localization results in magnetohydrodynamics
- * ● Marco Cannone (Marne-la-Vallée) (cannone@math.univ-mlv.fr)
- José Antonio Carrillo de la Plata (Barcelona) (carrillo@mat.uab.es)
Intermediate asymptotics beyond homogeneity and self-similarity
- Dongho Chae (Seoul) (dhchae@math.snu.ac.kr)
Remarks on the regularity conditions of the Navier-Stokes equations in terms of the vorticity directions
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Locally uniform spaces
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Nonlinear diffusion equations as limits of kinetic equations
- Miguel Escobedo (Bilbao) (mtpesmam@lg.ehu.es)
Recent results on singular solutions for homogeneous kinetic equations
- Eduard Feireisl (Prague) (feireisl@math.cas.cz)
On weak limits of sequences of solutions to the Navier-Stokes-Fourier system
- Susan Friedlander (Chicago) (susan@math.uic.edu)
A blow up solution for Burgers equation

- Thierry Gallay (Grenoble) (Thierry.Gallay@ujf-grenoble.fr)
Convergence to equilibrium in two-dimensional viscous flows
- Brian Gilding (Masqat) (gilding@squ.edu.om)
Travelling waves in nonlinear diffusion-convection-reaction
- Jan Goncerzewicz (Wrocław) (goncerz@pwr.wroc.pl)
Large-time behaviour of solutions of the porous media equation: the exterior-domain Cauchy-Dirichlet problem with homogeneous boundary data
- Todor Gramchev (Cagliari) (todor@unica.it)
Uniform analytic regularity and decay of traveling wave and self-similar type solutions
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From nonsimilarity solutions to similarity solutions for mixed convection on a wedge in a porous medium
- Zakia Hammouch (Amiens) (zakia.hammouch@u-picardie.fr)
New similarity solutions of a non-Newtonian fluid flow over a moving plane surface
- Danielle Hilhorst (Orsay) (Danielle.Hilhorst@math.u-psud.fr)
Travelling waves for a model of tissue degradation by bacteria
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Free convection near a vertical flat plate with prescribed heat flux
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Blow up for nonlocal thermistor problem in higher dimensions
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Intermediate asymptotics for inhomogeneous degenerate heat equation
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On a steady flow in a three dimensional infinite pipe
- Andrzej Krzywicki (Wrocław) (krzywick@math.uni.wroc.pl)
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Self-similar solutions to Smoluchowski's coagulation equation
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Self-similar scaling in analysis of power-law fluid models
- Piotr Bogusław Mucha (Warszawa) (P.Mucha@mimuw.edu.pl)
Compressible Navier-Stokes equations in two dimensional domains
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Self-similarity and blowup rates for a semilinear heat equation with critical nonlinearity

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Asymptotic behavior of solutions to the Cauchy problem for the damped wave equation
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Sigma spin model of ferromagnetic and the Landau-Lifshitz equation
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The qualitative properties of solutions of the Cauchy problem for a parabolic equation
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Singular solutions to a Cauchy problem
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The role of self-similar solutions of the system modeling crystal growth from vapor
- Takasi Senba (Miyazaki) (t0f302u@cc.miyazaki-u.ac.jp)
Blowup solutions to Keller-Segel system and its simplified systems
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Boundary local regularity for Navier-Stokes Equations
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Parabolic-elliptic system with self-similar pressure term
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Method of the blowup envelope and applications
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Concentration phenomena in the conformal Brezis-Nirenberg problem
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Self-similarity and large-time behavior of moments
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Self-similar solutions in fast diffusion equations
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Numerical and analytical results for the simplified Morisita-Shigesada et al. system
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On the attractive features of the localized self-similar solutions to the hydrodynamic-type model of structured media
- Katarzyna Wojteczek (Opole) (kwoj@polo.po.opole.pl)
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Blow up of semi-linear elliptic equations with integral constraints
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Schrödinger group and function spaces

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Global flow of Navier–Stokes equations in a cylindrical pipe
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