TOPICS IN KINETIC THEORY

Summer School and Workshop
University of Victoria, June 29 – July 3, 2009
Location: UVic, DSB (David Strong Building), C 108

LIST OF SPEAKERS

Last Name	First Name	Title
Degond	**Pierre**	**Kinetic and Fluid Modeling of Complex Systems**
Guo	**Yan**	**A L^p-L^\infty Approach in the Boltzmann Study**
Klar	**Axel**	**Mathematical models for fibre dynamics and fibre laydown in non-woven production**
Andreasson	Håkan	The Einstein-Vlasov-Maxwell system and sharp bounds on the mass-radius ratio of spherically symmetric charged objects
Aoki	Kazuo	Approach to steady motion of a plate moving in a collision less gas under a constant external force
Arnold	Anton	Quantum Fokker-Planck models: kinetic and operator theory approaches
Carrillo	Jose Antonio	Some kinetic models for swarming
Cordier	Stéphane	Mesoscopic description of the behavior of a simple financial market
Dolbeault	Jean	Hypocoercivity for kinetic equations with linear relaxation terms
Fellner	Klemens	Coagulation-Fragmentation Models with Diffusion
Hwang	Hyung-Ju	Boundary value problems in the Vlasov-Poisson system
Juengel	Ansgar	Electron transport and heating in semiconductor devices and circuits
Liu	Tai-Ping	Invariant Manifolds for Stationary Boltzmann Equation
Mancini	Simona	A Fokker-Planck model from neuroscience for two interacting populations

Matthes	Daniel	Distribution of wealth in market economies -- a kinetic approach
Mehats	Florian	Stable steady states and self-similar blow up solutions for the relativistic gravitational Vlasov-Poisson system
Mieussens	Luc	Analysis of an asymptotic preserving scheme for linear kinetic equations in the diffusion limit
Morrison	Phil	On Landau Damping
Sospedra	Reinel	Global Classical Solutions to the 3D Relativistic Vlasov-Maxwell System with Bounded Spatial Density
Strain	Robert	Global Newtonian limit for the Relativistic Boltzmann Equation near Vacuum
Struchtrup	Henning	Analytical and numerical solutions of the regularized 13 moment equations for rarefied gases
Vougalter	Vitali	On threshold eigenvalues and resonances for the linearized NLS equation