

# 1 Program

Monday, November 16

Time	Speaker	Title
9.00 – 9.45		– <i>Registration</i> –
9.45 – 9.50	<i>The Organizers</i>	– <i>Opening</i> –
9.50 – 10.35	K. AOKI	SOME REMARKS ON COLLISIONLESS GASES
10.40 – 11.10	R. Duan	<i>Hypo-coercivity of linear degenerately dissipative kinetic equations</i>
10.15 – 11.30		_____ <i>Coffee break</i> _____
11.30 – 12.15	L. DESVILLETES	SMALL MASS LIMIT IN THE COUPLING OF TWO BOLTZMANN EQUATIONS
12.20 – 12.50	J. Dolbeault	<i>Relative equilibria in continuous stellar dynamics</i>
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		<i>Lunch break</i>
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14.15 – 15.00	A. V. BOBYLEV	SELF-SIMILAR ASYMPTOTICS FOR GENERALIZED MULTI-LINEAR MAXWELL MODELS
15.05 – 15.35	H. Babovsky	<i>Kinetic Lattice Models: Theory and Applications</i>
15.40 – 16.00		_____ <i>Coffee break</i> _____
16.00 – 16.30	A. Arnold	<i>Some polymeric fluid flow models: Steady states and large-time convergence</i>
16.35 – 17.05	T. Lelièvre	<i>Entropy methods for studying the long-time behaviour of adaptive importance sampling methods</i>
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18.00		<i>Informal get-together (with wine &amp; snacks)</i>

## Tuesday, November 17

Time	Speaker	Title
9.00 – 9.30	V. Romano	<i>Hydrodynamic multiband model for semiconductors based on the Maximum entropy principle</i>
9.35 – 10.05	O. Muscato	<i>Heat generation and transport in nanoscale semiconductor devices via Monte Carlo and hydrodynamic simulations</i>
10.10 – 10.40	A. Majorana	<i>Discontinuous Galerkin Solver for the Semiconductor Boltzmann-Poisson Model</i>
10.45 – 11.00		_____ <i>Coffee break</i> _____
11.00 – 11.45	S.-Y. HA	COMPLETE SYNCHRONIZATION OF THE KURAMOTO PHASE MODEL
11.50 – 12.20	P. Lichtenberger	<i>Simulation of the non-equilibrium transport of charge carriers and optical phonons in graphene</i>
12.25 – 12.55	L. Neumann	<i>Long time asymptotics for quantum Fokker-Planck models</i>
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<i>Lunch break</i>		
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14.00 – 17.30		– <i>Excursion</i> –
18.30		– <i>Workshop dinner</i> –

## Wednesday, November 18

Time	Speaker	Title
9.00 – 9.45	G. SPIGA	REACTIVE MIXTURES: KINETIC APPROACH AND APPLICATIONS
9.50 – 10.20	M. Bostan	<i>Asymptotic models for strongly magnetized plasmas</i>
10.25 – 10.55	G. Manfredi	<i>Electron dynamics in semiconductor quantum wells – decoherence and quantum fidelity</i>
11.00 – 11.20		————— <i>Coffee break</i> —————
11.20 – 12.05	M. H. VIGNAL	AN ASYMPTOTIC-PRESERVING PARTICLE-IN-CELL METHOD FOR THE VLASOV-POISSON SYSTEM NEAR QUASINEUTRALITY
12.10 – 12.40	S. Hittmeir	<i>Travelling waves of a kinetic reaction model for the Fisher equation</i>
12.45	<i>The Organizers</i>	– <i>Closing</i> –