

**Workshop and Summer School on Kinetic Theory and Related Applications**  
**06/28-07/01 online**

<b>Time</b>	<b>Chair</b>	<b>Speaker</b>	<b>Title</b>
<b>June 28, 2021</b>			
<b>Opening (14:10-14:30)</b>			
14:30-15:30	Shi Jin	<b>Giacomo Dimarco</b> <i>University of Ferrara, Italy</i>	Data-driven epidemic models with social structure
15:30-16:30		<b>Giacomo Albi</b> <i>University of Verona, Italy</i>	Kinetic and moment-driven methods for optimal control in collective behavior
16:30-17:30		<b>Jose Carrillo</b> <i>Oxford University, UK</i>	The Landau equation: Particle Methods & Gradient Flow Structure
<b>June 29, 2021</b>			
14:30-15:30	Giacomo Dimarco	<b>Lorenzo Pareschi</b> <i>University of Ferrara, Italy</i>	On conservative Fourier-Galerkin spectral methods for kinetic equations
15:30-16:30		<b>Francis Filbet</b> <i>Université Toulouse III, France</i>	On the stability of conservative discontinuous Galerkin/Hermite spectral methods for the Vlasov-Poisson system
16:30-17:30		<b>Xiao-Jun Gu</b> <i>Science and Technology Facilities Council, UK</i>	Application of the moment method in the slip and transition regime
<b>June 30, 2021</b>			
14:30-15:30	Lorenzo Pareschi	<b>Eric Sonnendrucker</b> <i>Max-Planck Institute, Munich, Germany</i>	Geometric Particle-In-Cell methods for the Vlasov-Maxwell equations
15:30-16:30		<b>Manuel Torrihon</b> <i>RWTH-Aachen, Germany</i>	Finite Element Discretizations for Moment Equations in Kinetic Gas Theory
16:30-17:30		<b>Wei Su</b> <i>The University of Edinburgh, UK</i>	Fast converging and asymptotic preserving method for multiscale rarefied gas flows
<b>July 01, 2021</b>			
14:30-15:30	Zhen-Lin Guo	<b>Michael Herty</b> <i>RWTH-Aachen, Germany</i>	TBA
15:30-16:30		<b>Mohammed Lemou</b> <i>Université de Rennes 1, France</i>	Highly-oscillatory evolution equations: averaging and numerics
16:30-17:30		<b>Liu Liu</b> <i>The Chinese University of Hong Kong</i>	A bi-fidelity method for different kinetic models with uncertain parameters