Monday, Feb. 19	**Wexler Hall (WXLR) 206**
8:45 - 9:00	**REGISTRATION**
MORNING SESSION	**Chair: Sebastien Motsch** (Arizona State University)
9:00 - 9:50	**Changhui Tan** (Rice University) Asymptotic preserving schemes on kinetic models with singular limits
9:50 - 10:40	**Moon-Jin Kang** (Sookmyung Women's University) On the hydrodynamic limit of Vlasov-type equations in a regime of strong local alignment
10:40 – 11:10	**COFFEE BREAK**
11:10 - 12:00	**Javier Morales** (University of Maryland) The synchronization problem for Kuramoto oscillators and beyond
12:00 - 1:30	**LUNCH** (Engrained cafe)
AFTERNOON SESSION	**Chair: Sara Merino-Aceituno** (University of Sussex)
1:30 - 2:20	**Nastassia Pouradier Duteil** (Paris Dauphine University) Sparse control of Hegselmann-Krause models: Black hole and declustering
2:20 - 2:50	**COFFEE BREAK**
2:50 – 3:40	**Stephan Knapp** (University of Mannheim) A pedestrian flow model with stochastic velocities: microscopic and macroscopic approaches
3:40 – 4:30	**Chuntian Wang** (University of California, Los Angeles) Stochastic-statistical modeling of criminal behavior

Tuesday, Feb. 20	**Wexler Hall (WXLR) 206**
MORNING SESSION	**Chair: Javier Morales** (University of Maryland)
9:00 - 9:50	**Antonio de Rosa** (New York University) Stability and regularity of optimal paths in branched transport
9:50 - 10:40	**Emeric Bouin** (Paris Dauphine University) Hypocoercivity without confinement
10:40 – 11:10	**COFFEE BREAK**
11:10 - 12:00	**Franca Hoffmann** (California Institute of Technology) Energy landscapes with nonlinear diffusion and nonlocal interaction
12:00 - 1:30	**LUNCH**
AFTERNOON SESSION	**Chair: Nastassia Pouradier Duteil** (Paris Dauphine University)
1:30 - 2:20	**Quentin Griette** (University of Tokyo) Studying the spread of evolving diseases: traveling waves and pulsating fronts
2:20 - 2:50	**COFFEE BREAK**
2:50 – 3:40	**Ruiwen Shu** (University of Wisconsin-Madison) A study of Landau damping with random initial inputs
3:40 – 4:30	**Donghyun Lee** (UW Madison) Global strong solution and decay of Vlasov-Poisson-Boltzmann in bounded domains
6:30 – ∞	**CONFERENCE DINNER**

Wednesday, Feb. 21	**Wexler Hall (WXLR) 206**
MORNING SESSION	**Chair: Franca Hoffmann** (Caltech)
9:00 - 9:50	**Ewelina Zatorska** (University College London) On the pressureless damped Euler-Poisson equations with non-local forces: Critical thresholds and large-time behavior
9:50 - 10:40	**Siming He** (University of Maryland) Suppression of blow-up in Patlak-Keller-Segel via shear flows
10:40 – 11:10	**COFFEE BREAK**
11:10 - 12:00	**Maja Taskovic** (University of Pennsylvania) Exponential tails for the non-cutoff Boltzmann equation
12:00 - **2:00**	**LUNCH** (Engrained cafe)
AFTERNOON SESSION	**Chair: Quentin Griette** (University of Tokyo)
2:00 - 2:50	**Kirk Kayser** (Arizona State University) Kinetic models of binary welfare
2:50 - 3:20	**COFFEE BREAK**
3:20 – 4:10	**Sara Merino Aceituno** (University of Sussex) Coupled Self-Organized Hydrodynamics and Stokes models for suspensions of active particles
4:10 – 5:00	**Lee Ellison** (Lawrence Livermore National Laboratory) Detecting the transition from kinetics to hydrodynamics using manifold learning

Thursday, Feb. 22	**Wexler Hall (WXLR) 021**
MORNING SESSION	**Chair: Emeric Bouin** (Paris Dauphine University)
9:00 - 9:50	**Maxime Herda** (University Pierre et Marie Curie) Asymptotic behaviors of the Vlasov-Poisson-Fokker-Planck equation
9:50 – 10:20	**COFFEE BREAK**
10:20 - 11:10	**Jeff Haack** (Los Alamos National Laboratory) A Conservative, Entropic Multispecies BGK Model
11:10 - 12:00	**Liu Liu** (University of Texas at Austin) Hypocoercivity based Sensitivity Analysis and Stochastic Galerkin Approximation to Collisional Kinetic Equations with Multiple Scales and Random Inputs