

<b>Friday, October 12</b>	<b>Ki-Net Research Interaction Weekend: Kinetic dynamics, Transport, Networks and applications</b>
9:00 – 9:30	<b>Gautam Iyer</b> , (Carnegie Mellon University) <a href="#">Dissipation enhancement by mixing</a>
9:30 – 10:00	<b>Jacob Bedrossian</b> , (University of Maryland) <a href="#">Lagrangian chaos and scalar advection in stochastic fluid mechanics</a>
10:00 – 10:15	<b>BREAK</b>
10:15 – 10:45	<b>Robert Pego</b> , (Carnegie Mellon University) <a href="#">Weakly singular shock profiles for a regularized shallow water system</a>
10:45 – 11:15	<b>Konstantina Trivisa</b> , (University of Maryland) <a href="#">Invariant measures for the stochastic Navier-Stokes equations for compressible flows</a>
11:15 – 11:30	<b>BREAK</b>
11:30 – 12:00	<b>Jianfeng Lu</b> , (Duke University) <a href="#">Diagrammatic algorithms for open quantum systems</a>
12:00 – 12:30	<b>James Nolen</b> , (Duke University) <a href="#">The scaling limit of Stein variational gradient descent</a>
<b>Saturday, October 13</b>	<b>Ki-Net Research Interaction Weekend: Kinetic dynamics, Transport, Networks and applications</b>
9:00 – 9:30	<b>Pierre-Emmanuel Jabin</b> , (University of Maryland) <a href="#">Relative entropy methods for propagation of chaos</a>
9:30 – 10:00	<b>Jonathan Mattingly</b> , (Duke University) <a href="#">Convergence to equilibrium for Langevin dynamics with singular (Lenard-Jones like) potentials</a>
10:00 – 10:15	<b>BREAK</b>
10:15 – 10:45	<b>Eitan Tadmor</b> , (University of Maryland) <a href="#">Short-range interactions and emergence of long-range flocks</a>
10:45 – 11:15	<b>Dejan Slepcev</b> , (Carnegie Mellon University) <a href="#">Proper regularizers for semi-supervised learning</a>
11:15 – 11:30	<b>BREAK</b>
11:30 – 12:00	<b>Alina Chertock</b> , (North Carolina State University) <a href="#">An asymptotic preserving scheme for kinetic chemotaxis models</a>
12:00 – 12:30	<a href="#">General discussion and closing remarks</a>