<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9:00 – 9:30</td>
<td>Jianfeng Lu, (Duke University)</td>
<td>Temporal-difference learning for nonlinear value function approximation in the lazy training regime</td>
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<tr>
<td>10:20 – 10:40</td>
<td></td>
<td><strong>BREAK</strong></td>
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<tr>
<td>10:40 – 11:10</td>
<td>Jian-Guo Liu, (Duke University)</td>
<td>Random batch methods (RBM) for large interacting particle systems</td>
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<td>11:20 – 11:50</td>
<td>Eitan Tadmor, (University of Maryland)</td>
<td>Anticipation dynamics with short-range interactions</td>
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<td>12:00 – 12:20</td>
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<td><strong>BREAK</strong></td>
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<td>1:00 – 2:30</td>
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<td><strong>LUNCH</strong></td>
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<td>2:30 – 3:00</td>
<td>James Nolen, (Duke University)</td>
<td>Propagation of chaos in stochastic reaction-diffusion models of mass-action type</td>
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<td>3:50 – 4:10</td>
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<td><strong>BREAK</strong></td>
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<td>4:10 – 4:40</td>
<td>Alina Chertock, (North Carolina State University)</td>
<td>High-resolution positivity and asymptotic preserving numerical methods for chemotaxis and related models</td>
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<tr>
<td>Saturday, October 12</td>
<td>Ki-Net Research Interaction (last) Weekend: Kinetic dynamics, Transport, Networks and applications</td>
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| 9:00 – 9:30          | **Jonathan Mattingly**, (Duke University)  
                        TBA                                                                                             |
                        Remarks on relaxed least action for incompressible mixtures                                   |
| 10:20 – 10:40        | *BREAK*                                                                                            |
| 10:40 – 11:10        | **Jacob Bedrossian**, (University of Maryland)  
                        Passive scalar turbulence in the Batchelor regime                                              |
| 11:20 – 11:50        | **Alex Kiselev**, (Duke University)  
                        TBA                                                                                             |
| 12:00                | *CLOSING*                                                                                          |