Midwest PDE Schedule

Saturday March 30

8:50 Opening remarks
9:00-9:45 Dejan Slepčev
Proper regularizers for semi-supervised learning
9:55-10:40 Monica Torres
Divergence-measure fields: Gauss-Green formulas and normal traces
10:45-11:00 Break
11:00-11:45 Andrew Lorent
Null Lagrangian measures
11:55-12:40 Ian Tobasco
The cost of crushing: curvature-driven wrinkling of thin elastic shells
12:45-2:30 Lunch
2:30-3:15 Zachary Bradshaw
Existence problems for the Navier-Stokes equations
3:25-4:10 Vera Hur
Stokes waves in a constant vorticity flow: theory and computation
4:15-4:30 Break
4:30-5:15 Sam Walsh
Capillary-gravity water waves with exponentially localized vorticity

Sunday March 31

8:30-9:15 Yoichiro Mori
Immersed elastic filaments in Stokes flow
9:25-10:10 Milena Stanislavova
Asymptotic behavior of semi-groups generated by Hamiltonian linearizations
10:15-10:30 Break
10:30-11:15 Siao-Hao Guo
Extension of two-dimensional mean curvature flow with free boundary
11:25-12:10 Toan Nguyen
Landau damping for screened Vlasov-Poisson on R^3: a Lagrangian approach