

Parallel Session 3**Sunday, July 1, 16:00PM-18:30PM**

Special Session 28	Analysis and Numerics of Differential Equations and Dynamical Systems in Mathematical Fluid Mechanics Organizer(s): Changbing Hu, Ning Ju, Theodore Tachim-Medj	Location REH-9
16:00-16:30	Daniel X Guo (University of North Carolina Wilmington, USA) Alternating Direction Second Order Method for the Navier-Stokes Equations	Abstracts p. 126
16:30-17:00	Xiaosheng Li (Florida International University, USA) Determination of viscosity in an incompressible fluid	Abstracts p. 126
17:00-17:30	Zhongming Wang (Florida International University, USA) A level set approach for dilute non-collisional fluid-particle flows	Abstracts p. 127
17:30-18:00	Wei Wang (Florida International University, USA) A high order WENO Scheme for detonation waves	Abstracts p. 127