

Parallel Session 4**Monday, July 2, 08:00AM-10:00AM**

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
8:00-8:30	Animikh Biswas (University of North Carolina-Charlotte, USA) Gevrey regularity for dissipative equations with applications to decay.	Abstracts p. 125
8:30-9:00	Zhiwu Lin (Georgia Institute of Technology, USA) Invariant manifolds of Euler equations	Abstracts p. 126
9:00-9:30	Xinwei Yu (University of Alberta, Canada) Global regularity results for 2D generalized MHD equations	Abstracts p. 128
9:30-10:00	Madalina Petcu (University of Poitiers, France) On the exponential decay of the power spectrum and the finite dimensionality for the solutions of the three dimensional primitive equations	Abstracts p. 127