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Turbulent Mixing and Beyond Workshop: Mixing in Rapidly Changing Environments - Probing Matter at the Extremes | (smr 2596)

Friday 08 August 2014

- AGH (Kastler Lecture Hall) (14:00-16:30)

time	title	presenter
14:00	Solving self-similar equations of k-e model in the shear turbulent mixing problem and its numerical simulation	TRETYACHENKO, Y.V.
14:00	Using geometric representations to find periodic orbits in the Lorenz system.	NICHOLSON, S. B.
14:20	Sheared stably stratified turbulence and large-scale waves in a lid driven cavity	COHEN, N.
14:20	Schmidt and Prandtl number dependence of RT mixing at large Reynolds number	HUTCHINSON, M.L.
14:40	Effect of initial conditions on late-time evolution to turbulence of Rayleigh Taylor instability under variable acceleration histories	ASLANGIL, D.
14:40	Disrupting bacteria accumulation by chemotaxis in heterogeneous flow structures and incomplete mixing conditions	DE ANNA, P.
15:00	Vortex ring induced stratified mixing	OLSTHOORN, J.
15:00	Numerical modeling of collisionless magnetized turbulence	BERNARD, T.N.
15:20	Exploring the effects of a rigid body on the evolution of the Rayleigh Taylor instability	BROWN, C.
15:20	Front propagation in cellular flows for fast reaction and small diffusivity	TZELLA, A.,
15:40	Turbulence and mixing layers in Rayleigh-Taylor instability	SCHNEIDER, N
15:40	Numerical investigation of Al ₂ O ₃ -water nanofluid turbulent convection flow through an internally ribbed pipe	ZIAEI-RAD, M.
16:00	Coffee Break	