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

## Tuesday 05 August 2014

- AGH (Kastler Lecture Hall) (09:00-14:00)

time	title	presenter
09:00	Rayleigh-Taylor instability and accelerated interfacial mixing	S. I. ABARZHI
09:30	Progress in the understanding of instability growth in Inertial Confinement Fusion implosions on the National Ignition Facility	ROBEY, H. F.
10:00	Coffee Break	
10:30	Staircases in fluids and plasmas-structure formation from inhomogeneous mixing	DIAMOND, P.H.
11:05	Richtmyer-Meshkov instability in plasmas - Magnetohydrodynamic evolutions and the dependence on equation of state	SANO, T.,
11:35	Nonlinear dynamics of non-uniform current-vortex sheets in magnetohydrodynamic flows	MATSUOKA, C.
12:05	A linear theory of the relativistic Richtmyer-Meshkov instability	NISHIHARA, K.
12:40	Lunch Break	