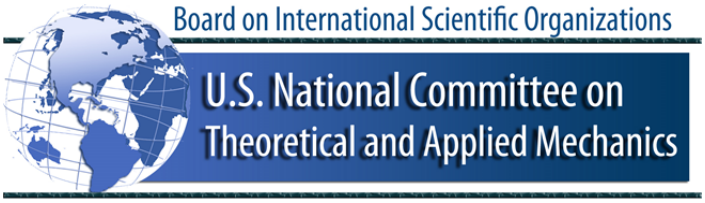

18 November 2017, Saturday

Annick Pouquet	Session A	
Snezhana I Abarzhi	Introduction	12.45
Mark L Schlossman	A nanoscale view of assisted ion transport through the liquid-liquid interface	13.00-13.30
William A Goddard III	Complete reaction dynamics of complex chemical reactions: a machine learning grand challenge	13.30-14.00
George Haller	Barriers and enhancers to diffusive and stochastic transport	14.00-14.30
Alexander A Nepomnyashchy	Anomalies of transport in steady plane laminar flows	14.30-15.00
	Coffee Break	15.00-15.30
Mark L Schlossman	Session B	
Oleg V Vasilyev	Adaptive wavelet methods for simulation of interfacial transport and mixing	15.30-16.00
Ravi Samtaney	Shock-driven instabilities in convergent geometry	16.00-16.30
Dan V Ilyin	Stability and fields' structure in a flow with a hydrodynamic discontinuity	16.30-17.00
Snezhana I Abarzhi	Stability of an accelerated hydrodynamic discontinuity	17.00-17.30
	Coffee Break	17.30-18.00
Ravi Samtaney	Session C	
Oleg Schilling	Reynolds-averaged modeling of reshocked Richtmyer–Meshkov turbulent mixing: progress and challenges	18.00-18.30
Ben Thornber	Transitional and self-similar Richtmyer-Meshkov instability	18.30-19.00
Zachary R Dell	Maximum initial growth-rate of strong-shock-driven Richtmyer-Meshkov instability	19.00-19.30
Fernando F Grinstein	Coarse grained simulation and turbulent mixing predictability	19.30-20.00
	Dinner	

19 November 2017, Sunday

Alexander A Nepomnyashchy	Session D	
Nicolaus A Adams	Droplet breakup as multi-scale computing challenge	14.00-14.30
Luminita Danaila	Generalized high-order scalar structure functions for decaying turbulence with mean scalar gradient	14.30-15.00
Eric Kostelich	Local ensemble transform Kalman filter for ionospheric data assimilation: observation influence analysis during a geomagnetic storm event	15.00-15.30
Annick Pouquet	Mixing and dissipation processes in rotating stratified turbulence	15.30-16.00
Snezhana I Abarzhi	On the fundamentals of Rayleigh-Taylor mixing driven by variable acceleration	16.00-16.30
	Summary	