Student Lunch

Monday, November 22, 2021, 12:05 pm – 1:05 pm, PCC West Building, Ballroom C

Table #	Topic (Key words)	Facilitator	University	Department
01	Multiphase - computational modeling - DNS/LES - international experience	**Olivier Desjardins**	Cornell University	Sibley School of Mechanical and Aerospace Engineering
02	Hypersonics, sustainability, hydrodynamic instability, turbulence, national lab vs academia	**Devesh Ranjan**	Georgia Institute of Tehcnology	George W Woodruff School of Mechanical Engineering
03	Turbulence, particle-laden flow, interfacial flow, experimentation	**Ellen Longmire**	University of Minnesota	Department of Aerospace Engineering and Mechanics
04	Multi-physics, turbulence, DNS/LES	**Krishnan Mahes**	University of Minnesota	Department of Aerospace Engineering and Mechanics
05	Extreme-scale computing, intermittency in turbulence, mixing of passive scalars, turbulent dispersion, low-magnetic-Reynolds-number MHD turbulence.	**P K Yeung**	Georgia Institute of Technology	The George W. Woodruff School of Mechanical Engineering
06	CFD, bubble dynamics, interfacial instabilities	**Eric Johnsen**	University of Michigan	Mechanical Engineering
07	Environmental fluid mechanics, turbulence, experimental	**Blair Johnson**	The University of Texas at Austin	Department of Civil, Architectural & Environmental Engineering
08	Experimental fluid mechanics, multiphase flow, turbulence	**Rui Ni**	John Hopkins University	Department of Mechanical Engineering
09	Computational Fluid Dynamics, Turbulence, DNS/LES, Multiphase Flows, Numerical Algorithms	**Sourabh Apte**	Oregan State University	Mechanical, Industrial & Manufacturing Engineering
10	Low-Reynolds-number flows; complex fluids; interfacial phenomena	**Howard Stone**	Princeton University	Mechanical and Aerospace Engineering
11	Atmospheric boundary layer, wind engineering, bluff body flows, computational fluid dynamics, uncertainty quantification	**Catherine Gorle**	Stanford University	Department of Civil & Environmental Engineering
12**	Experimental fluid mechanics, wall-bounded turbulence, turbulent mixing, laser-based and spectroscopic diagnostics, reactive mixing.	**Gokul Pathikonda**	Arizona State University	School for Engineering of Matter, Tranport and Energy
13	Turbulence, Mixing, Hypersonic Flows, Rarefied flows, Reduced-order modeling	**Sharath Girimaji**	Texas A&M University	Aerospace and Mechanical Engineering
14	Experimental methods, coastal/ocean hydrodynamics, turbulent canopy flows, free-surface flows.	**Tracy Mandel**	University of New Hampshire	School of Marine Science and Ocean Engineering

** *Substitution as of 11/03*