



8:45am~9:15am	BREAKFAST – Outside Hackerman Hall B-17
9:15am~9:20am	WELCOME – Professor Charles Meneveau Johns Hopkins University – Hackerman Hall B-17
9:20am~10:05am	Keynote Lecture: Prof. Azar Panah, The George Washington University - Mechanical and Aerospace Engineering Presents: “How Wing-and Gust-Induced Vortices Evolve and Interact.”
TECHNICAL SESSION I - Session Chair: Dr. Pierluigi Morra	
10:10am~10:30am	Md. Daluar Hussain (UMD Advisor: Prof. Johan Larsson) <i>“Leading-Edge Treatments in Wall-Modeled LES for External Aerodynamic Flows.”</i>
10:30am~10:50am	Chintan Panigrahi (JHU Advisor: Prof. Joseph Katz) <i>“Experimental Studies of Three-Dimensional Separated Flows around Inclined Bodies of Revolution.”</i>
10:50am~11:10am	COFFEE BREAK – Outside Hackerman Hall B-17
TECHNICAL SESSION II - Session Chair: Ji Zhou	
11:10am~11:30am	Dr. Ioannis Kaminaris (GWU Advisor: Prof. Elias Balaras) <i>“Spectral Analysis of the Instantaneous Wall-Shear Stress in Rough-Wall Turbulent Boundary Layers.”</i>
11:30am~11:50pm	Samuel Lee (UMD Advisors: Profs. Kenneth Kiger and James Duncan) <i>“The Impact of a Flexible Plate on Regular Water Waves.”</i>
11:50pm~12:10pm	Alexandra Risha (JHU Advisor: Prof. Dennice Gayme) <i>“A Reduced Order Approach for Investigating Developing Boundary Layers.”</i>
12:10pm~12:30pm	Adam Harwood (GWU Advisor: Prof. Philippe Bardet) <i>“First Insights on Surface Roughness on Tip Gap Flow.”</i>
12:30pm~1:40pm	LUNCH BREAK – Outside Hackerman Hall B-17
TECHNICAL SESSION III - Session Chair: Manuel Ayala	
1:40pm~2:00pm	Dr. Anmol Sikka (UMD Advisor: Prof. Christine Hartzell) <i>“Beyond Gravity: How Magnetic Interactions Alter the Fluidity of Metallic Asteroid Regolith.”</i>
2:00pm~2:20pm	Dr. Xuan Ruan (Advisor: Prof. Rui Ni) <i>“Lightning in Thunderstorms Driven by Particle-Laden Turbulence.”</i>
2:20pm~2:40pm	Yazan Sawalhi (GWU Advisor: Prof. Philippe Bardet) <i>“HiPRO Compact 3D Velocimeter Development and Deployment.”</i>
2:40pm~3:00pm	Winthrop Townsend (UMD Advisor: Prof. Cecilia Huertas-Cerdeira) <i>“Experimental Investigations of Flow-Excited Rigid Inverted Flags.”</i>
3:00pm~3:20pm	Dr. Vedasri Godavarthi (JHU Advisor: Prof. Rajat Mittal) <i>“Simulation and Analysis of Transonic Flutter.”</i>
3:20pm~3:30pm	AFTERNOON BREAK – Outside Hackerman Hall B-17
TECHNICAL SESSION IV - Session Chair: Dr. Vedasri Godavarthi	
3:30pm~3:50pm	Amirreza Rezaeepazhand (GWU Advisor: Prof. Kausik Sarkar) <i>“Shear-Induced Gradient Diffusivity of Viscous Drops in Viscoelastic Media.”</i>
3:50pm~4:10pm	Atharva Sathe (JHU Advisors: Profs. Charles Meneveau & Dennice Gayme) <i>“Advanced Actuator Line Modeling in LES and Database Creation for Large Wind Farms.”</i>
4:10pm~4:30pm	David Charland (GWU Advisor: Prof. Megan Leftwich) <i>“Cavity Dynamics of a Solid Body Stopping after Surface Impact.”</i>
4:30pm~4:50pm	Dr. Jooyeon Park (UMD Advisor: Prof. Alban Sauret) <i>“Effects of Wettability on Solid Particle Motion in Turbulent Jet with Crossflow.”</i>
4:50pm~6:00pm	CLOSING RECEPTION – Outside Hackerman Hall B-17