

2023 AFOSR Gas Surface Interaction Workshop

Dr. Sarah Popkin | January 19-20, 2023 | Arlington, VA

Basic Research Innovation Collaboration Center (BRICC)
4100 N Fairfax Drive, Suite 450 | Arlington VA 22203

Agenda Day 1 | Thursday, January 19, 2023

Time	Topic	Speaker
0805-0830	Check-in	
0830-0845	Introduction	Dr. Michael Berman and Dr. Sarah Popkin, AFOSR
0845-0915	Gas-Surface Interactions and Implications for Aerothermodynamics	Dr. Graham Candler, UMN
0915-0945	Challenges for Finite Rate Gas-Surface Chemistry Modeling	Dr. Tom Schwartzentruber, UMN
0945-1000	BREAK	
1000-1030	Molecular Beam Studies of Gas-Surface Interactions in Extreme Aerospace Environments	Dr. Tim Minton, UCB
1030-1100	Gas-Surface Interaction Experiments at High Enthalpy	Dr. Francesco Panerai, UIUC
1100-1130	Gas-surface Interactions and Material Degradation	Dr. Kelly Stephani, UIUC
1130-1200	The Climatology and Weather of the Atmosphere at 40-120 km Altitudes	Dr. Marcin Pilinski, UCB
1200-1300	LUNCH	
1300-1545	Breakout Session with focus on Basic Science Questions/Needs for GSI	
1545-1645	Outbriefs and Discussion from Groups	
1645	ADJOURN	

Agenda Day 2 Friday, January 20, 2023		
Time	Topic	Speaker
0805-0830	Registration	
0830-0845	Introduction to MURIs	Dr. Michael Berman and Dr. Sarah Popkin, AFOSR
0845-0915	Summary of 2010 GSI MURI	Dr. Graham Candler, UMN
0915-0930	BREAK	
0930-1130	Breakout Sessions with Focus on Defining a Potential GSI MURI Topic	
1130-1230	Outbriefs and Discussion from Breakout groups	
1230	ADJOURN	