

2021 High-Speed Turbulence Workshop

Drs. Sarah Popkin (co-Lead), Eric Marineau (Lead); Chiping Li (co-Lead) | May 4-7, 2021
| Virtual

Agenda Day 1 | May 4, 2021

Objective: Expose Current State-of-the-Art / Introduce Challenges (O1-2)

Methodology: Plenary presentations by leaders in 5 key areas.

Time	Topic	Speaker
930	Zoom Login	
1000-1005	Welcome / Introduction	Eric Marineau
1005-1030	Plenary 1: BOLT II Overview	Rodney Bowersox
1030-1055	Plenary 2: Progress in Aerothermochemistry	Tom Schwarzentruher
1055-1100	BREAK	
1100-1125	Plenary 3: Progress in Combustion Chemical Kinetics, and turbulence / flame interactions	Hai Wang
1125-1150	Plenary 4: Landscape of Computational Methods	Graham Candler & Venkat Raman
1150-1215	Plenary 5: New Approaches for Turbulence	Beverly McKeon & Peter Schmid
1215-1220	BREAK	
1220-1300	Questions, discussion and conclusions	Moderated by Eric Marineau
1300	MEETING ADJOURN FOR THE DAY	

Agenda Day 2 | May 5, 2021

Objective: Identify Key Gaps and Challenges (O2)

Methodology: Intro Briefing, Breakout sessions and Summary Briefings

Time	Topic	Speaker
9:30	Zoom Login	
1000-1010	Introduction	Eric Marineau

1010-1050	Briefings of highlights from pre-workshop questionnaire and instructions for breakout sessions	Team leads
1050-1220	T2 breakout with T1 members	Moderation by leads / co-leads
1050-1220	T3 breakout with T1 members	Moderation by leads / co-leads
1050-1220	T4 breakout with T1 members	Moderation by leads / co-leads
1150-1220	T1 Touchpoint	Moderation by leads / co-leads
1220-1225	BREAK	
1225-1300	Team summary briefings, questions and group discussion	1 speaker per team / group discussion
1300	MEETING ADJOURN FOR THE DAY	

Agenda Day 3 May 6, 2021		
Objective: Identify Key Scientific Questions (O3)		
Methodology: Intro Briefings, Breakout sessions and Summary Briefings		
Time	Topic	Speaker
9:30	Registration	
1000-1040	Briefings of highlights from pre-workshop questionnaire and instructions for breakout sessions	Team leads
1040-1220	T2 breakout with T1 members	Moderation by leads / co-leads
1040-1220	T3 breakout with T1 members	Moderation by leads / co-leads
1040-1220	T4 breakout with T1 members	Moderation by leads / co-leads
1140-1220	T1 Touchpoint	Moderation by leads / co-leads
1220-1225	BREAK	
1225-1300	Team summary briefings, questions and group discussion	1 speaker per team / group discussion
1300	MEETING ADJOURN FOR THE DAY	

Agenda Day 4 May 7, 2021		
Objective: Identify New Research Topics and Ideas (O4)		
Methodology: Intro Briefings, Breakout Sessions and Summary Briefings		
Time	Topic	Speaker
9:30	Registration	
1000-1040	Provide highlights from questionnaire and frame following discussions	Team leads
1040-1200	T2 Breakout with T1 members	Moderation by leads / co-leads
1040-1200	T3 Breakout with T1 members	Moderation by leads / co-leads
1040-1200	T4 Breakout with T1 members	Moderation by leads / co-leads
1120-1200	T1 Touchpoint	Moderation by leads / co-leads
1200-1205	BREAK	
1205-1300	Team summary briefings, questions and group discussion	1 speaker per team / group discussion
1300	MEETING ADJOURN	