Overview of Symposium Schedule

**Monday, 25 January 2021**

Welcome Ceremony – *Live Broadcast of Welcome via Chime*

8:20 am WELCOME: Bassam Dally, Chair, Local Host Team, Room 3

President’s Welcome: James F. Driscoll  
ANZ Section Welcome and Video: Assaad Masri, ANZ Section President  
Explanation of Chime and Access to materials: Bassam Dally  
Program Co-Chairs: Timothy Lieuwen and Fei Qi

9:10 am HOTTEL LECTURE: **Katharina Kohse-Höinghaus**, Bielefeld University, *Combustion in the Future: The Importance of Chemistry*, Room 3

10:10-10:50 Break


10:50-12:30 Concurrent Sessions in Rooms 1-11

12:30-14:00 Break

14:00-15:00 Topical Review: **Sukesh Roy**, Spectral Energies, *Advances in burst-mode laser diagnostics for reacting and nonreacting flows*, Room 3

14:00-15:40 Concurrent Sessions in Rooms 1-11

15:40-16:30 Break

16:30-17:50 Concurrent Sessions in Rooms 1-11

**Tuesday, 26 January 2021**

Plenary Lecture – *Live Broadcast via Chime*

8:30am PLENARY LECTURE: **Assaad Masri**, University of Sydney, *Challenges for Turbulent Combustion*, Room 3

9:40-10:40 Concurrent Sessions in Rooms 1-11
9:40-10:40  Topical Review: Bin Yang, Tsinghua University, *Towards predictive combustion kinetic models: Progress in model analysis and informative experiments*, Room 3

10:40-11:10  Break

11:10-12:30  Concurrent Sessions in Rooms 1-11

12:30-14:00  Break

14:00-15:40  Concurrent Sessions in Rooms 1-11


15:40-16:30  Break

16:30-17:50  Concurrent Sessions in Rooms 1-11

**Wednesday, 27 January 2021**

**Plenary Lecture – Live Broadcast via Chime**


9:40-10:40  Concurrent Sessions in Rooms 1-11

9:40-10:40  Topical Review: Junji Shinjo, Shimane University, *A new LES approach to trans-critical mixing and combustion processes in high-pressure liquid-injectant engines*, Room 3

10:40-11:10  Break

11:10-12:30  Concurrent Sessions in Rooms 1-11

12:30-14:00  Break

14:00-15:20  Concurrent Sessions in Rooms 1-11

15:20-16:10  Break

16:10-17:10  Industry Speaker: Hans-Peter Schildberg, BASF, *Unresolved aspects of gas phase detonations in the chemical process industry*, Room 3

16:10-17:30  Concurrent Sessions in Rooms 1-11

18:30-  Recognition Ceremony – Live Broadcast via Chime

**Thursday, 28 January 2021**

**Plenary Lecture – Live Broadcast via Chime**

8:30am  PLENARY LECTURE: Yiguang Ju, Princeton University, *Understanding Cool Flames and Warm Flames*, Room 3

9:40-10:40  Concurrent Sessions in Rooms 1-11

10:40-11:10 Break

11:10-12:30 Concurrent Sessions in Rooms 1-11

12:30 Recognition Ceremony – *Replay*

**Friday, 29 January 2021**

Plenary Lecture – *Live Broadcast via Chime*

8:30am PLENARY LECTURE: **Naian Liu**, University of Science and Technology, *Combustion Dynamics of Large-Scale Wildfires*, Room 3

9:40-10:40 Concurrent Sessions in Rooms 1-11

10:40-11:10 Break

11:10-12:30 Concurrent Sessions in Rooms 1-11

12:30-14:00 Break

14:00-15:00 Topical Review: **Raman I. Sujith**, Indian Institute of Technology Madras, *Dynamical systems and complex systems theory to study unsteady combustion*, Room 3

14:00-15:20 Concurrent Sessions in Rooms 1-11

15:20-15:50 Break

15:50-17:10 Concurrent Sessions in Rooms 1-11