

## SHTC 2023 SCHEDULE-AT-A GLANCE

Time Available	Event	Room
<b>SUNDAY, JULY 9</b>		
3:00PM-6:00PM	Registration	Dolley Madison Foyer
12:00PM-2:00PM	HTD EC Meeting - Closed	Executive Boardroom
2:30PM-4:30PM	HTD EC Meeting - Open	Executive Boardroom
<b>MONDAY, JULY 10</b>		
7:00AM-6:00PM	Mothers Room	Office
7:00AM-5:00PM	Registration	Dolley Madison Foyer
8:00AM-9:00AM	Welcome and Plenary Session I - Bud Peterson, Max Jakob Award	Dolley Madison Ballroom
9:00AM-10:30AM	Raymond Viskanta Memorial Symposium-01 - Thermal Radiation in Energy Systems	Montpelier A
9:00AM-10:30AM	K7 - Thermophysical and Radiative Properties of Materials	Montpelier B
9:00AM-10:30AM	K9-01 - Thermal Transport in Nanomaterials/across Interfaces 1	Hamilton A
9:00AM-10:30AM	K8-01 - Fundamentals of Boiling/Condensation Including Micro/Nano-scale Effects (Includes Molecular Level Simulation of Phase Change) I	Hamilton B
9:00AM-10:30AM	K13-01 - Enhanced Condensation and Anti-Fouling Studies	Constitution A
9:00AM-10:30AM	K6-01 - Heat Transfer in Energy Systems - Solar	Constitution B
9:00AM-10:30AM	K20-01 - Applications of Computational Heat Transfer I	Adams B
10:30AM-11:00AM	AM Coffee Break- SHTC/ES	Dolley Madison Foyer
10:30AM-11:00AM	SHTC/ES Student Hackathon Meet & Greet	Dolley Madison Ballroom
11:00AM-12:30PM	Raymond Viskanta Memorial Symposium-02 - Nanoscale Thermal Radiation	Montpelier A
11:00AM-12:30PM	K16-01 - Heat Transfer in Electronic Equipment I	Montpelier B
11:00AM-12:30PM	K9-02 - Thermal Transport in Nanomaterials/across Interfaces 2	Hamilton A
11:00AM-12:30PM	K8-02 - Fundamentals of Boiling/Condensation Including Micro/Nano-scale Effects (Includes Molecular Level Simulation of Phase Change) II	Hamilton B
11:00AM-12:30PM	K13-02 - Pool Boiling Fundamentals	Constitution A
11:00AM-12:30PM	K6-02 - Heat Transfer in Energy Systems - Energy Storage	Constitution B
11:00AM-12:30PM	K20-02 - Applications of Computational Heat Transfer II	Adams B
12:30PM-1:45PM	Lunch - SHTC/ES	Dolley Madison Ballroom & Montpelier A & B
12:30PM-1:45PM	Underrepresented in STEM Lunch Discussion - SHTC/ES	Constitution A
1:45PM-3:15PM	Raymond Viskanta Memorial Symposium-03 - Thermal Radiation in Manufacturing and Energy	Montpelier A
1:45PM-3:15PM	K16-02 - Heat Transfer in Electronic Equipment II	Montpelier B
1:45PM-3:15PM	K9-03 - Thermal Transport in Nanomaterials/across Interfaces 3	Hamilton A
1:45PM-3:15PM	K8-03 - Fundamentals of Single Phase Heat Transfer and Melting and Solidification	Hamilton B
1:45PM-3:15PM	K13-03 - Flow Boiling Fundamentals	Constitution A
1:45PM-3:15PM	K6-03 - Heat Transfer in Energy Systems - Waste Heat	Constitution B
1:45PM-3:15PM	K20-03 - Computational Methods	Adams B
3:15PM-3:45PM	PM Coffee Break- SHTC/ES	Dolley Madison Foyer
3:15PM-3:45PM	Poster Session SHTC/ES	Potomac Pre-function Foyer
3:45PM-5:15PM	Raymond Viskanta Memorial Symposium-04 - Thermal Radiation in Energy Systems	Montpelier A
3:45PM-5:15PM	K16-03 - Heat Transfer in Electronic Equipment III	Montpelier B
3:45PM-5:15PM	K9-04 - Tunable Thermal Transport	Hamilton A
3:45PM-5:15PM	K8-04 - Fundamentals of Conduction Heat Transfer	Hamilton B

3:45PM-5:15PM	K13-04 - Spray Cooling	Constitution A
3:45PM-5:15PM	K6-04 - Heat Transfer in Energy Systems - Batteries	Constitution B
3:45PM-5:15PM	K20-04 - Machine Learning and Modeling for Heat Transfer Problems	Adams B
6:00PM-7:00PM	Student Career Panel	Potomac C
6:00PM-8:00PM	K16 - Committee Meeting	Hamilton A
6:00PM-8:00PM	SHTC/ES Student Networking Event	Hamilton B
6:00PM-8:00PM	K8 - Committee Meeting	Constitution A
6:00PM-8:00PM	K13 - Committee Meeting	Constitution B
6:00PM-8:00PM	K20 - Committee Meeting	Adams A
6:00PM-8:00PM	K23 - Committee Meeting	Adams B
<b>TUESDAY, JULY 11</b>		
7:00AM-5:00PM	Registration	Dolley Madison Foyer
7:00AM-6:00PM	Mothers Room	Office
8:00 AM-9:00AM	Plenary Session: Energy Storage for Sustainable Buildings, Judith Vidal, NREL - SHTC/ES	Dolley Madison Ballroom
9:00AM-10:30AM	Raymond Viskanta Memorial Symposium-05: Thermal Management	Mount Vernon A
9:00AM-10:30AM	K6-05 - Heat Transfer in Energy Systems - Heat Pump	Mount Vernon B
9:00AM-10:30AM	K8-05 - Fundamental of Radiative Heat Transfer	Hamilton A
9:00AM-10:30AM	K9-05 - Radiative Cooling and Radiative Properties of Nanomaterials	Hamilton B
9:00AM-10:30AM	K13-05 - Phase-Change from Enhanced Surfaces	Constitution A
9:00AM-10:30AM	K8/K17 - Workshop on Scanning Thermal Microscopy (SThM) and Applications	Constitution B
10:30AM-11:00AM	AM Coffee Break - SHTC/ES	Dolley Madison Foyer
11:00AM-12:30PM	Raymond Viskanta Memorial Symposium-06: Thermal Management and Phase Change	Mount Vernon A
11:00AM-12:30PM	K6-06 - Heat Transfer in Energy Systems - Heat Exchangers	Hamilton A
11:00AM-12:30PM	K17 - Heat and Mass Transfer in Biotechnology	Hamilton B
11:00AM-12:30PM	K9-06 - Radiative Thermal Energy Conversion with Nanostructures	Constitution A
11:00AM-12:30PM	K13-06 - Heat Transfer in Multi-Phase Flow	Constitution B
11:00AM-12:30PM	K9 - Panel: Nanoscale Heat Transfer Education	Mount Vernon B
12:30PM-1:45PM	SHTC Awards Lunch	Dolley Madison Ballroom & Montpelier A & B
1:45PM-3:15PM	SHTC/ES Panel - Funding Opportunities	Mount Vernon B
1:45PM-3:15PM	K8 - Workshop: Use of Machine Learning Tools for Thermophysics and Heat Transfer Research and Energy Technology Development	Hamilton A
1:45PM-3:15PM	K11 - Fire and Combustion	Hamilton B
1:45PM-3:15PM	K9-07 - Surface-Enhanced Phase Change Heat Transfer 1	Constitution A
1:45PM-3:15PM	K18 - Heat Transfer under Extreme Conditions	Constitution B
3:15PM-3:45PM	PM Coffee Break SHTC/ES	Dolley Madison Foyer
3:45PM-5:15PM	Raymond Viskanta Memorial Symposium-07 - Heat Conduction	Hamilton A
3:45PM-5:15PM	K6-07 - Heat Transfer in Energy Systems - General	Hamilton B
3:45PM-5:15PM	Darrell Pepper Memorial Symposium	Constitution A
3:45PM-5:15PM	K9-08 - Surface-Enhanced Phase Change Heat Transfer 2	Constitution B
3:45PM-5:15PM	K8 - Industry Panel: Fundamentals on Thermal Management of Electronics	Mount Vernon A
3:45PM-4:45PM	IMECE 2023 Session Organizers Meeting	Montpelier A
3:45PM-5:15PM	SHTC/ES Program Directors 1-1 Appointments	Montpelier B
5:15PM-8:00PM	SHTC/ES Student Hackathon - Presentations	Hamilton A
6:30PM-8:00PM	J. V. Beck Symposium Committee Meeting	Potomac C

6:00PM-8:00PM	K10 - Committee Meeting	Mount Vernon A
6:00PM-8:00PM	K6 - Committee Meeting	Mount Vernon B
6:00PM-8:00PM	K15 - Committee Meeting	Hamilton A
6:00PM-8:00PM	K9 - Committee Meeting	Hamilton B
6:00PM-8:00PM	K12 - Committee Meeting	Constitution A
6:00PM-8:00PM	K8 - Industry/Student Networking	Constitution B
<b>WEDNESDAY, JULY 12</b>		
8:00AM-4:00PM	Registration	Dolley Madison Foyer
7:00AM-5:30PM	Mothers Room	Office
8:00AM-9:00AM	Plenary Session III - Hongbin Ma, Donald Q. Kern Award	Dolley Madison Ballroom
9:00AM-10:30AM	Raymond Viskanta Memorial Symposium-08 - Energy Systems	Hamilton A
9:00AM-10:30AM	James V. Beck Memorial Symposium-01 - Inverse Problems, Parameter Estimation and Heat Conduction	Hamilton B
9:00AM-10:30AM	K10-01 - Heat Transfer Equipment I	Constitution A
9:00AM-10:30AM	K9-09 - Thermal Emission Control with Nanostructures	Constitution B
9:00AM-10:30AM	K12-01 - Aerospace Heat Transfer I	Mount Vernon B
10:30AM-11:00AM	AM Coffee Break - SHTC/ES	Dolley Madison Foyer
11:00AM-12:30PM	Raymond Viskanta Memorial Symposium-09 - Phase Change in Materials Processing	Hamilton A
11:00AM-12:30PM	James V. Beck Memorial Symposium-02 - Inverse Problems, Parameter Estimation and Heat Conduction	Hamilton B
11:00AM-12:30PM	K10-02 - Heat Transfer Equipment II	Constitution A
11:00AM-12:30PM	K9-10 - Nanothermal Metrology	Constitution B
11:00AM-12:30PM	K12-02 - Aerospace Heat Transfer II	Adams B
12:30PM-1:45PM	Lunch - SHTC/ES	Dolley Madison Ballrom & Montepplier A & B
1:45PM-3:15PM	Raymond Viskanta Memorial Symposium-10 - Phase Change Heat Transfer	Hamilton A
1:45PM-3:15PM	James V. Beck Memorial Symposium-03 - Inverse Problems, Parameter Estimation and Heat Conduction	Hamilton B
1:45PM-3:15PM	K10-03 - Heat Transfer Equipment III	Constitution A
1:45PM-3:15PM	K9-11- Phonon Modeling and Machine Learning for Thermal Transport	Constitution B
1:45PM-3:15PM	K15-01 - Transport Phenomena in Manufacturing and Materials Processing	Adams A
3:15PM-3:45PM	PM Coffee Break - SHTC	Dolley Madison Foyer
3:45PM-5:15PM	K12/K14-03 - Aerospace Heat Transfer/Gas Turbine Heat Transfer	Adams B
3:45PM-5:15PM	K19/K22/ K23 - Environmental Heat - Transfer/Heat Transfer Education/Diversity, Equity, and Inclusion in Heat Transfer Community	Hamilton A
3:45PM-5:15PM	K9-12 - Nanoscale Thermal Transport Modeling and Machine Learning	Hamilton B
3:45PM-5:15PM	K15-02 - Transport Phenomena in Additive Manufacturing	Constitution A
<b>5:15PM</b>	<b>Conference Ends</b>	