

2025 SUMMER HEAT TRANSFER CONFERENCE
SCHEDULE-AT-A-GLANCE

MOUNTAIN TIME	MONDAY, JULY 7TH
10:00AM--06:00PM	Registration
10:30AM--03:00PM	NREL Tour
12:00PM--03:00PM	HTD EC Closed Meeting
02:00PM--05:00PM	Workshop: Modeling and Simulation of Heat Transfer and Thermofluidic Systems with Simscape Fluids (separate registration fee required)
03:00PM--06:00PM	HTD EC Open Meeting
06:00PM--07:00PM	Opening Reception

MOUNTAIN TIME	TUESDAY, JULY 8TH
07:00AM--05:00PM	Registration
07:00AM--05:00PM	Mother's Room
08:00AM--05:00PM	Speaker Ready Room
08:00AM--09:00AM	SHTC Panel: Inverse Problems in Heat Transfer- Insights from ICIPE 2024 - Advances in Methodology & Applications
09:00AM--10:00AM	SHTC Plenary Speaker: Professor Yasuyuki Takata
10:00AM--04:00PM	Exhibits
10:00AM--10:20AM	AM Networking Break
10:00AM--10:20AM	Joint ES/SHTC Newcomer Social
10:20AM--12:00PM	K8-01 - Fundamentals of Machine Learning for Heat Transfer
10:20AM--12:00PM	K10-01 - Heat Transfer Equipment
10:20AM--12:00PM	K6-01 - Heat Transfer In Energy System - Waste Heat I
10:20AM--12:00PM	K12-01 - Aerospace Heat Transfer I
10:20AM--12:00PM	K16-01 - Heat Transfer in Electronic Equipment I
10:20AM--12:00PM	K20-01 - Novel Numerical Methods for Heat Transfer Applications
10:20AM--12:00PM	ASME Symposium Celebrating Professor Vijay K. Dhir - Session 1
12:00PM--01:30PM	Lunch and Poster Session
01:30PM--03:10PM	K9-02 - Nanothermal Metrology
01:30PM--03:10PM	K6-02 - Heat Transfer In Energy System - Waste Heat II
01:30PM--03:10PM	K7-01 - Optical Characterization of Thermophysical Properties
01:30PM--03:10PM	K20-02 - Computational Bio Heat Transfer
01:30PM--03:10PM	K12-02 - Aerospace Heat Transfer II
01:30PM--03:10PM	K8 - Panel 1: Fundamentals of Machine Learning for Heat Transfer
01:30PM--03:10PM	ASME Symposium Celebrating Professor Vijay K. Dhir - Session 2
03:10PM--03:30PM	PM Networking Break
03:30PM--05:10PM	K9-03 - Radiative Cooling and Radiative Properties of Nanomaterials
03:30PM--05:10PM	K6-03 - Heat Transfer In Energy System - Components I
03:30PM--05:10PM	K7-02 - Applications of Thermophysical Characterization
03:30PM--05:10PM	K20-03 - Computational Heat Transfer in Fluid Applications
03:30PM--05:10PM	K16-02 - Heat Transfer In Electronic Equipment II
03:30PM--05:10PM	K15-01 - Laser, Optical and Thermal Manufacturing T
03:30PM--05:10PM	ASME Symposium Celebrating Professor Vijay K. Dhir Session - 3
06:20PM--08:20PM	SHTC K6 - Heat Transfer in Energy Systems Committee Meeting
06:20PM--08:20PM	SHTC K8 - Theory and Fundamental Research Committee Meeting
06:20PM--08:20PM	SHTC K12 - Aerospace Heat Transfer Committee Meeting
06:20PM--08:20PM	SHTC K13 - Heat Transfer in Multiphase Flow Committee Meeting
06:20PM--08:20PM	SHTC K14 - Gas Turbine Heat Transfer Committee Meeting
06:20PM--08:20PM	Committee Meeting
06:20PM--08:20PM	SHTC K10 - Heat Transfer Equipment

Mountain Time	WEDNESDAY, JULY 9TH
07:00AM--05:00PM	Registration
07:00AM--05:00PM	Mother's Room
08:00AM--05:00PM	Speaker Ready Room
09:00AM--10:00AM	SHTC Plenary Speaker: Dr. Rama Venkatasubramanian
10:00AM--04:00PM	Exhibits
10:00AM--10:20AM	AM Networking Break
10:20AM--12:00PM	K8-02 - Fundamentals of Radiative Heat Transfer including Nanoscale Phenomena
10:20AM--12:00PM	K17-01 - Heat and Mass Transfer in Biotechnology
10:20AM--12:00PM	K6-04 - Heat Transfer In Energy System - Components II
10:20AM--12:00PM	K13-01 - Flow Boiling I
10:20AM--12:00PM	K20-04 - Computational Heat Transfer for Energy
10:20AM--12:00PM	K16-03 - Heat Transfer In Electronic Equipment III
10:20AM--12:00PM	ASME Symposium Celebrating Professor Vijay K. Dhir Session 4
10:20AM--12:00PM	Session II
12:00PM--01:30PM	Summer Heat Transfer Division Awards Luncheon
01:30PM--03:10PM	Storage I
01:30PM--03:10PM	K13-02 - Flow Boiling II
01:30PM--03:10PM	K20-05 - Micro and Nanoscale Computational Heat Transfer
01:30PM--03:10PM	K16-04 - Heat Transfer In Electronic Equipment IV
01:30PM--03:10PM	K9-04 - Interfacial Thermal Transport
01:30PM--03:10PM	Management
01:30PM--03:10PM	ASME Symposium Celebrating Professor Vijay K. Dhir - Session 5
01:30PM--03:10PM	Session II
03:10PM--03:30PM	PM Networking Break
03:30PM--05:10PM	K9-05 - Emerging Energy Carriers
03:30PM--05:10PM	K9-06 - Nanoscale Thermal Transport Theory
03:30PM--05:10PM	Storage II
03:30PM--05:10PM	K13-03 - Flow Boiling III
03:30PM--05:10PM	K13-04 - Liquid-to-Vapor Phase-Change at Enhanced Surfaces I
03:30PM--05:10PM	K8-03 - Fundamentals of Phase Change including Micro/Nanoscale Effects I
03:30PM--05:10PM	ASME Symposium Celebrating Professor Vijay K. Dhir - Session 6
05:20PM--06:20PM	SHTC/ES Career Panel
06:20PM--08:20PM	SHTC K9 Committee Meeting
06:20PM--08:20PM	SHTC K20 Committee Meeting
06:20PM--08:20PM	SHTC K23 Committee Meeting

Mountain Time	THURSDAY, JULY 10TH
07:00AM--05:00PM	Registration
07:00AM--05:00PM	Mother's Room
08:00AM--05:00PM	Speaker Ready Room
09:00AM--10:00AM	SHTC Plenary Speaker: Dr. Joel Plowsky
10:00AM--04:00PM	Exhibits
10:00AM--10:20AM	AM Networking Break
10:20AM--12:00PM	K9-07 - Thermal Transport in Nanomaterials 1
10:20AM--12:00PM	K9-08 - Near-Field Thermal Radiation
10:20AM--12:00PM	K6-07 - Heat Transfer In Energy System - Alternative Power Generation I
10:20AM--12:00PM	K13-05 - Liquid-to-Vapor Phase-Change at Enhanced Surfaces II
10:20AM--12:00PM	K10-02 - Heat Transfer Equipment
10:20AM--12:00PM	K20-06 - Computational Heat Transfer in Fluid Applications
10:20AM--12:00PM	K8-04 - Fundamentals of Phase Change including Micro/Nanoscale Effects II
12:00PM--01:30PM	SHTC & ES Lunch
01:30PM--03:10PM	K9-09 - Thermal Transport in Nanomaterials/across Interfaces 2
01:30PM--03:10PM	K6-08 - Heat Transfer In Energy System - Alternative Power Generation II
01:30PM--03:10PM	K13-06 - Pool Boiling from Enhanced Surfaces
01:30PM--03:10PM	K10-03 - Heat Transfer Equipment
01:30PM--03:10PM	K20-07 - Computational Heat Transfer for Energy
01:30PM--03:10PM	K6-09 - Thermal Energy Storage Symposium I
01:30PM--03:10PM	K8-05 - Fundamentals of Single Phase Convection or Multiphysics Transport
03:10PM--03:30PM	PM Networking Break
03:30PM--05:10PM	K13-07 - Enhanced Condensation Heat Transfer
03:30PM--05:10PM	K10-04 - Heat Transfer Equipment
03:30PM--05:10PM	K20-08 - Computational Heat Transfer- Applications
03:30PM--05:10PM	K9-11 - Nanoscale Evaporation and Nanofluids
03:30PM--05:10PM	K6-10 - Thermal Energy Storage Symposium II
03:30PM--05:10PM	K15-02 - Transport Phenomena in Manufacturing and Energy Manufacturing I
03:30PM--05:10PM	K9-10 - Tunable Thermal Transport
03:30PM--05:10PM	K8-06 - Fundamentals of Thermometry
03:30PM--05:10PM	K9-11 - Nanoscale Thermal Transport Modeling and Machine Learning
05:10PM	CONFERENCE ENDS