

ENERGY SUSTAINABILITY CONFERENCE 2025		
SCHEDULE-AT-A-GLANCE		
MOUNTAIN TIME	MONDAY, JULY 7TH	LOCATION
10:00AM–6:00PM	Registration	Westminster Foyer
10:00AM–3:00PM	NREL Tour	Meet in Lobby
3:00PM–5:30PM	Workshop: Modeling Methods for High-Temperature Particle Flows in Energy Storage, Chemical Reactors, and Additive Manufacturing (Separate Registration Fee Required)	Standley Ballroom I
6:00PM–7:00PM	Opening Reception	Waterfall Gardens (Backup: Westminster I & II)
MOUNTAIN TIME	TUESDAY, JULY 8TH	LOCATION
7:00AM–5:00PM	Registration	Westminster Foyer
7:00AM–5:00PM	Mother's Room	Library
8:00AM–5:00PM	Speaker Ready Room	Westin Boardroom
8:00AM–9:00AM	ES Panel: Energy Policy and Industry Perspectives	Westminster Ballroom IV
9:00AM–10:00AM	ES Keynote: Data-Driven Innovation in Multiphase Transport for Sustainable Energy Systems, Dr. Ying Sun	Westminster Ballroom IV
10:00AM–10:20AM	Networking Break	Westminster Foyer
10:00AM–10:20AM	Joint ES/SHTC Newcomer Social	Westminster Ballroom III
10:20AM–12:00PM	01-01: Decarbonizing Industrial Processes	Meadowbrook Ballroom I
10:20AM–12:00PM	02-01: AI for Energy Sustainability I	Flatirons
10:20AM–12:00PM	03-01: Advances in Indoor Environment Technologies and Solutions	Windsor
10:20AM–12:00PM	06-01: CSP Optical Systems	Standley Ballroom I
10:20AM–12:00PM	07-01: Experimental Characterization of Particle Flows	Meadowbrook Ballroom II
10:20AM–12:00PM	19-01: Symposium to Honor Professor Jane Davidson I	Westminster Ballroom II
12:00PM–1:30PM	Lunch and Poster Session	Legacy Ballroom & Foyer
1:30PM–3:10PM	04-01: Energy Storage Systems and Applications	Meadowbrook Ballroom I
1:30PM–3:10PM	13-01: Hydrogen and Fuel Cells	Windsor
1:30PM–3:10PM	18-01: Advanced Materials for Sustainability	Flatirons
1:30PM–3:10PM	09-01: Solar Chemistry I	Meadowbrook II
1:30PM–3:10PM	10-01: Photovoltaic, Photovoltaic-Thermal, and Electrochemical Technologies I	Westminster Ballroom II
1:30PM–3:10PM	08-01: Deployment and Analysis of CSP Subsystems	Standley Ballroom I
3:10PM–3:30PM	Networking Break	Westminster Foyer
3:30PM–5:10PM	19-02: Symposium to Honor Professor Jane Davidson II	Westminster Ballroom II
3:30PM–5:10PM	14-01: Carbon Capture & Cleaner Fossil Fuel Technologies I	Flatirons
3:30PM–5:10PM	03-02: Innovative Building Material and Technologies	Windsor
3:30PM–5:10PM	06-02: CSP Receivers and Reactors I	Standley Ballroom I
3:30PM–5:10PM	07-02: Fluidized Bed Heat Exchangers	Meadowbrook Ballroom II
3:30PM–5:10PM	08-02: Technoeconomic Analysis of CSP and Thermal Energy Storage Systems	Meadowbrook Ballroom I
5:15PM–6:15PM	Lightning Talks	Windsor
Mountain Time	WEDNESDAY, JULY 9TH	LOCATION
7:00AM–5:00PM	Registration	Westminster Foyer
7:00AM–5:00PM	Mother's Room	Library
8:00AM–5:00PM	Speaker Ready Room	Westin Boardroom
8:00AM–9:00AM	Panel: AI/ML Applications for High Performance and Resilient Buildings and Cities	Westminster Ballroom IV
9:00AM–10:00AM	Keynote: The Circular Water Economy: Addressing the Global Water-Energy Nexus Challenge, Junghon Chen, Ph.D.	Westminster Ballroom IV
10:00AM–10:20AM	Networking Break	Westminster Foyer
10:20AM–12:00PM	01-02: Decarbonizing Commodity Chemicals and Emissions Analyses	Windsor
10:20AM–12:00PM	02-02: AI for Energy Sustainability II	Meadowbrook Ballroom II
10:20AM–12:00PM	03-03: Building Performance Simulations for Sustainable Solutions	Standley Ballroom I
10:20AM–12:00PM	09-02: Solar Chemistry II	Meadowbrook Ballroom I
10:20AM–12:00PM	10-02: Photovoltaic, Photovoltaic-Thermal, and Electrochemical Technologies II	Flatirons
10:20AM–12:00PM	19-03: Symposium to Honor Professor Jane Davidson III	Westminster Ballroom II
12:00PM–01:30PM	Solar Energy Division (SED) and Advanced Energy Systems Division (AESD) Awards Luncheon	Legacy Ballroom
1:30PM–3:10PM	04-02: Particles and Materials for Energy Storage	Meadowbrook Ballroom I
1:30PM–3:10PM	13-02: Hydrogen Production and Storage	Flatirons
1:30PM–3:10PM	03-04: Innovative Strategies and Energy Storage for Resilient Communities	Standley Ballroom I
1:30PM–3:10PM	06-03: CSP Receivers and Reactors II	Meadowbrook Ballroom II
1:30PM–3:10PM	07-03: Thermal Energy Storage: Phase-Change and Thermochemical	Windsor
1:30PM–3:10PM	09-03: Solar Chemistry III	Westminster Ballroom II
3:10PM–3:30PM	Networking Break	Westminster Foyer
3:30PM–5:10PM	19-04: Symposium to Honor Professor Jane Davidson IV	Westminster Ballroom II
3:30PM–5:10PM	14-02: Carbon Capture & Cleaner Fossil Fuel Technologies II	Windsor
3:30PM–5:10PM	03-05: Advances in Renewable Energy and Integration	Standley Ballroom I
3:30PM–5:10PM	11-01: Alternative Energy Conversion Technology (including Wind, Geothermal, Hydro, and Ocean)	Flatirons

3:30PM–5:10PM	06-04: CSP Receivers and Reactors III	Meadowbrook Ballroom II
3:30PM–5:10PM	07-04: Modeling of Thermal Energy Storage and Receiver Systems	Meadowbrook I
5:20PM–6:20PM	SHTC/ES Career Panel	Gray's Peak
5:20PM–6:20PM	SED Buildings Committee Meeting	Westminster Ballroom II
5:20PM–6:20PM	SED Concentrated Solar Committee Meeting	Standley Ballroom I
5:20PM–6:20PM	SED Solar Chemistry Technical Committee Meeting	Meadowbrook I
5:20PM–6:20PM	AESD REEC Committee Meeting	Flatirons
6:25PM–8:30PM	SED Executive Committee Meeting (Closed Meeting)	Windsor
Mountain Time	THURSDAY, JULY 10TH	LOCATION
07:00AM–5:00PM	Registration	Westminster Foyer
07:00AM–5:00PM	Mother's Room	Library
08:00AM–5:00PM	Speaker Ready Room	Westin Boardroom
08:00AM–9:00AM	Keynote: Air Conditioning in Buildings: Challenges and New Approaches, Dr. Jason Woods	Westminster Ballroom IV
09:00AM–10:00AM	ES Panel: Long Duration Energy Storage (LDES) Technologies	Westminster Ballroom IV
10:00AM–10:20AM	Networking Break	Westminster Foyer
10:20AM–12:00PM	19-05: Symposium to Honor Professor Jane Davidson V	Westminster Ballroom II
10:20AM–12:00PM	04-03: Thermomechanical Energy Storage	Meadowbrook Ballroom II
10:20AM–12:00PM	03-06: Heat Pump Technologies for Sustainable Solutions	Windsor
10:20AM–12:00PM	13-03: Alternative Fuel Production and Utilization I	Flatirons
10:20AM–12:00PM	12-01: Process Heat for Desalination	Standley Ballroom I
10:20AM–12:00PM	06-05: CSP Receivers and Reactors IV	Meadowbrook I
12:00PM–1:30PM	SHTC & ES Lunch	Legacy Ballroom
1:30PM–3:10PM	09-04: Solar Chemistry IV	Windsor
1:30PM–3:10PM	13-04: Alternative Fuel Production and Utilization II	Flatirons
1:30PM–3:10PM	12-02: Process Heat for Industrial Decarbonization	Meadowbrook Ballroom I
2:30PM–4:30PM	AESD Executive Committee Meeting (Closed Meeting)	Standley Ballroom I
3:10PM–3:30PM	Networking Break	Westminster Foyer
3:30PM–5:10PM	Power Hour	Westminster Ballroom II
5:10PM	CONFERENCE ENDS	