



ES 2023 SCHEDULE-AT-A GLANCE*

**Subject to change*

Time Available	Event	Room
SUNDAY, JULY 9		
3:00PM-6:00PM	Registration	Dolly Madison Foyer
MONDAY, JULY 10		
7:00AM-5:15PM	Mothers' Room	Office
7:00AM-5:00PM	Registration	Dolly Madison Foyer
8:00AM-9:00AM	Yellott Award Plenary: Solar Reactor-Based Utility-Scale Power Generation System Using Hydrogen and Carbon Fuel Cells	Potomac A
9:00AM-10:30AM	05-01 - Thermochemical Energy Storage for CSP Applications	Potomac A
9:00AM-10:30AM	02-01 - Heat Pump and Building Waste Heat Utilization	Dolly Madison Ballroom
9:00AM-10:30AM	01-01 - A Just Transition to a Sustainable Future	Potomac C
9:00AM-10:30AM	06-01 - Thermochemical Redox Cycles: Demonstration and Operation	Adams A
10:30AM-11:00AM	AM Coffee Break Student Hackathon Meet & Greet	Dolly Madison Foyer Dolly Madison Ballroom
11:00AM-12:30PM	05-02 - Metrology in CSP	Potomac A
11:00AM-12:30PM	05-03 - Solar Receiver Design 1	Dolly Madison Ballroom
11:00AM-12:30PM	03-01 - Thermochemical Energy Storage	Potomac C
11:00AM-12:30PM	08-01 - Thermal Energy Conversion Techniques	Adams A
12:30PM-1:45PM	Lunch	Dolly Madison Ballroom & Montpelier A & B
12:30PM-1:45PM	Underrepresented in STEM Lunch Discussion	Constitution A
1:45PM-3:15PM	05-04 - Solar Receiver Design 2	Potomac A
1:45PM-3:15PM	02-02 - Fluid Mechanics and Heat Transfer in Building Applications	Dolly Madison Ballroom
1:45PM-3:15PM	03-02 - Phase Change Thermal Energy Storage	Potomac C
1:45PM-3:15PM	11-01 - Carbon Capture and Sequestration	Adams A
3:15PM-3:45PM	PM Coffee Break	Dolly Madison Foyer
3:15PM-3:45PM	Poster Session	Dolly Madison Foyer
3:45PM-5:15PM	Open Lightning Talks/Elevator Pitches	Potomac A

6:00PM-8:00PM	Student Networking Event	Hamilton B
TUESDAY, JULY 11		
7:00AM-5:00PM	Registration	Dolly Madison Foyer
7:00AM-5:15PM	Mothers' Room	Office
8:00 AM-9:00AM	Plenary Session: Energy Storage for Sustainable Buildings, Judith Vidal, Ph.D., National Renewable Energy Laboratory	Dolly Madison Ballroom
9:00AM-10:30AM	05-05 - Solar Receiver Design 3	Potomac A
9:00AM-10:30AM	05-06 - Other CSP Technologies	Montpelier B
9:00AM-10:30AM	02-03 - Building Management and Control	Potomac C
9:00AM-10:30AM	09-01 - Industrial Process Heat and Waste Heat	Adams A
9:00AM-10:30AM	04-01 - Research for the Clean Energy Transition (Socio-Technical, Education and Policy)	Adams B
10:30AM-11:00AM	AM Coffee Break	Dolly Madison Foyer
11:00AM-12:30PM	10-01 - Hydrogen Energy, Alternative Fuels, Bioenergy, and Biofuels	Montpelier B
11:00AM-12:30PM	05-11 - Heliostat Consortium 1	Montpelier A
11:00AM-12:30PM	05-08 - Particles for Thermal Energy Storage in CSP 1	Potomac C
11:00AM-12:30PM	06-02 - Materials and Fundamentals	Adams A
11:00AM-12:30PM	03-03 - Pumped Thermal Energy Storage	Adams B
12:30PM-1:45PM	Solar Energy Division (SED) and Advanced Energy Systems Division (AESD) Awards Luncheon	Potomac A
1:45PM-3:15PM	Panel - Funding Opportunities	Mount Vernon B
1:45PM-3:15PM	Panel: Thermal Energy Storage for Electricity and Industrial Heat Applications	Mount Vernon A
1:45PM-3:15PM	05-07 - CSP System Analysis, Controls, and Standards	Montpelier B
1:45PM-3:15PM	02-04 - Building Envelope, Building Energy, and Data Centers	Montpelier A
1:45PM-3:15PM	08-02 - Alternative Energy Conversion Techniques	Adams A
3:15PM-3:45PM	PM Coffee Break	Dolly Madison Foyer
3:45PM-5:15PM	Program Directors 1-1 Appointments	Montpelier B
3:45PM-5:15PM	SED Committee Meeting: Conservation and Solar Buildings	Potomac A
3:45PM-5:15PM	SED Committee Meeting: Solar Chemistry & Bio Conversion	Adams B
3:45PM-5:15PM	SED Committee Meeting: Solar Thermal Power	Potomac C
3:45PM-5:15PM	AESD Committee Meeting: Renewable Energy and Energy Conversion (REEC)	Adams A
5:15PM-8:00PM	Student Hackathon Presentations	Hamilton A
5:30PM-7:00PM	Solar Energy Division Executive Committee Meeting	Adams A
6:30PM-8:00PM	J. V. Beck Symposium Committee Meeting	Potomac C
WEDNESDAY, JULY 12		
8:00AM-4:00PM	Registration	Dolly Madison Foyer
7:00AM-5:15PM	Mothers' Room	Office

8:00AM-9:00AM	Plenary: Harnessing the Power of Sunlight in Two-step Solar Thermochemical Cycles Utilizing Redox-active Mixed Ionic-electronic Conducting Materials	Potomac A
9:00AM-10:30AM	05-12 - Heliostat Consortium 2	Potomac A
9:00AM-10:30AM	05-09 -Particles for Thermal Energy Storage in CSP 2	Mount Vernon A
9:00AM-10:30AM	09-02 - Solar Desalination	Montpelier A
9:00AM-10:30AM	06-03 - Novel Reactors and Processes	Adams A
9:00AM-10:30AM	07-01 - Photovoltaic & Electrochemical Technologies	Adams B
10:30AM-11:00AM	AM Coffee Break	Dolly Madison Foyer
11:00AM-12:30PM	05-13 - Heliostat Consortium 3	Potomac A
11:00AM-12:30PM	05-10 - Particles for Thermal Energy Storage in CSP 3	Mount Vernon A
11:00AM-12:30PM	02-05 - Innovations for Sustainably Built Environments	Montpelier A
11:00AM-12:30PM	03-04 - Sensible Energy Storage	Adams A
12:30PM-1:45PM	Lunch	Dolly Madison Ballroom & Montpelier A & B
Conference Ends		