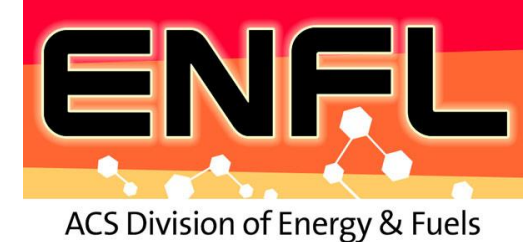




# ENERGY & FUELS DIVISION ROADMAP



**Sunday, August 21**

[Programming Committee Meeting](#) 1-3 pm

[Executive Committee Meeting](#)  
4-7 pm

McCormick Convention Center  
(W192a)

[Zoom link](#)

**Monday, August 22**

[Organizers Breakfast](#) 7-9 am

Third Star Restaurant at Hyatt  
Regency McCormick Place

[Division Dinner](#) 6:30-9 pm

Carnivale: 702 West Fulton Market,  
Chicago, IL 60661

**Tuesday, August 23**

[Division Business meeting](#) 12-2 pm

[Student Presentation Competition Award](#)  
2-5 pm

McCormick Convention Center (W181c)

[Zoom link](#)

❖ [ENFL Table](#): Sunday-Wednesday, August 21-24, 10 am - 5 pm near ENFL symposia

❖ [Special THANKS to Sponsors:](#)



[Scan to join ENFL](#)



[Scan to buy ENFL dinner tickets](#)





# 2022 ACS Fall ENFL Technical Program



## Sunday, August 21, 2022

### ENFL Distinguished Researcher Award in Honor of Prof. Michael Klein

08:00am - 12:00pm | Location: W175a  
02:00pm - 05:55pm | Location: W175a

### Advances in Energy & Fuels: Fuels and Chemicals

08:00am - 11:20am | Location: W185bc

### Energy Storage Beyond Li-ion Batteries

08:00am - 11:35am | Location: W185a

### Sulfide-Based Solid-State Electrolytes & Batteries

08:00am - 11:35am | Location: W184bc  
02:00pm - 05:30pm | Location: W175b

### Photocatalysis & Photoelectrocatalysis

08:00am - 11:50am | Location: W184a

### Research Excellence Award in Energy Storage in Honor of Dr. Jun Lu

08:00am - 11:35am | Location: W175b  
02:00pm - 04:05pm | Location: W186b

### Emerging Electrochemical Processes for Integration with CO<sub>2</sub> Capture

08:00am - 12:00pm | Location: W184d  
02:00pm - 06:00pm | Location: W184d

### Battery Materials & Interfaces

02:00pm - 05:55pm | Location: W184bc

### Photocatalysis & Photoelectrocatalysis

02:00pm - 05:40pm | Location: W184a

03:00pm - 06:40pm | Location: Virtual-only (Zoom)

### Electrochemistry-Enabled Catalysis

02:00pm - 06:00pm | Location: W185bc

### Energy Storage Beyond Li-ion Batteries

02:00pm - 06:00pm | Location: W185a

## Monday, August 22, 2022

### Photocatalysis & Photoelectrocatalysis

08:00am - 11:50am | Location: W184a  
02:00pm - 06:00pm | Location: W184a

### Chemical Transformations for CCUS

08:00am - 11:15am | Location: W184d  
02:00pm - 05:05pm | Location: W184d

### Sulfide-Based Solid-State Electrolytes & Batteries

08:00am - 11:30am | Location: W185a

### ENFL Midcareer Award in Honor of Prof. Alissa Park

08:00am - 12:00pm | Location: W175a  
02:00pm - 06:00pm | Location: W175a

### USA-Europe ACS Symposium on Energy

08:00am - 12:00pm | Location: W185bc  
02:00pm - 06:00pm | Location: W185bc

### ACS Energy Summit

08:00am - 11:30am | Location: W175b  
02:00pm - 06:00pm | Location: W175b

### Battery Materials & Interfaces

08:00am - 12:00pm | Location: W184bc  
02:00pm - 05:50pm | Location: W184bc

### Organic, Perovskite & Hybrid Solar Cells

10:00am - 02:00pm | Location: Virtual-only (Zoom)

03:00pm - 06:45pm | Location: Virtual-only (Zoom)

### Electrochemistry-Enabled Catalysis

10:00am - 01:45pm | Location: Virtual-only

### Energy Storage Beyond Li-ion Batteries

02:00pm - 05:20pm | Location: W185a

### Virtual Graduate Students Symposium

07:30pm - 10:50pm | Location: Virtual-only (Zoom)

**ENFL Poster Session:** 12-2 pm | Hall F2

**Division Sci-Mix Row** 8-10 pm | Hall F2

## Tuesday, August 23, 2022

### Battery Materials & Interfaces

08:00am - 11:55am | Location: W184bc  
02:00pm - 06:00pm | Location: W184bc  
03:00pm - 06:15pm | Location: Virtual-only

### Electrochemistry-Enabled Catalysis

08:00am - 10:40am | Location: W184d  
02:00pm - 05:40pm | Location: W184d

### Energy Storage Beyond Li-ion Batteries

08:00am - 11:25am | Location: W184a  
10:00am - 01:30pm | Location: Virtual-only (Zoom)

02:00pm - 05:20pm | Location: W175b

### USA-Europe ACS Symposium on Energy

08:00am - 12:00pm | Location: W175a  
02:00pm - 06:00pm | Location: W186c

### ACS Women in Energy Symposium

08:00am - 11:15am | Location: W186c  
02:00pm - 05:15pm | Location: W175a

### Advances in Energy & Fuels: Materials

08:00am - 11:40am | Location: W185a

### Advances in Energy & Fuels: Biofuels

08:00am - 11:30am | Location: W185bc

### Organic, Perovskite & Hybrid Solar Cells:

10:00am - 02:00pm | Location: Virtual-only (Zoom)

### Advances in Energy & Fuels: CCUS

02:00pm - 05:55pm | Location: W185bc

### Advanced Materials & Novel Technologies for CCUS

02:00pm - 04:40pm | Location: W185a

### Virtual Graduate Students Symposium

07:30pm - 10:50pm | Location: Virtual-only (Zoom)

- All in local time CDT
- Highlighted award/co-sponsored symposia

## Wednesday, August 24, 2022

### Electrochemistry-Enabled Catalysis

08:00am - 10:40am | Location: W184d  
02:00pm - 05:40pm | Location: W184d

### Macromolecular & Structured Electrolytes

08:00am - 11:50am | Location: W184a

### Advanced Materials & Novel Technologies for CCUS

08:00am - 12:00pm | Location: W175a  
02:00pm - 05:40pm | Location: W185a

### Prediction & Validation of Electrochemical Interfacial Phenomena

08:00am - 12:00pm | Location: W175b  
02:00pm - 05:50pm | Location: W184a

### Novel Membrane/Sorbent Materials & Processes

08:00am - 11:35am | Location: W185a  
02:00pm - 05:35pm | Location: W175a

### Organic, Perovskite & Hybrid Solar Cells

08:00am - 11:35am | Location: W185bc  
02:00pm - 05:40pm | Location: W185bc

### Battery Materials & Interfaces

08:00am - 11:40am | Location: W184bc  
02:00pm - 05:40pm | Location: W184bc

### Advances in Energy & Fuels

10:00am - 02:00pm | Location: Virtual-only (Zoom)

### Advances in Energy & Fuels: Oil/Gas

02:00pm - 05:50pm | Location: W175b

## Thursday August 25, 2022

### Advances in Energy & Fuels

08:00am - 11:30am | Location: W185bc

### Advances in Energy & Fuels: Combustion

08:00am - 10:10am | Location: W185a

### Advanced Materials & Novel Technologies for CCUS

08:00am - 10:00am | Location: W182

### Fuel Characterization by Multidimensional Gas Chromatography

08:00am - 11:55am | Location: W175a

### Electrochemistry-Enabled Catalysis

08:00am - 11:10am | Location: W184d

### Prediction & Validation of Electrochemical Interfacial Phenomena

08:00am - 12:00pm | Location: W184a

### Battery Materials & Interfaces

08:00am - 11:45am | Location: W175b (hybrid)  
08:00am - 11:35am | Location: W184bc

## A Glance by Numbers:

- **891** presentations (748 oral + 143 posters);
- **22** Symposia
- **80** Sessions: 78 oral (50 in-person, 10 virtual, 18 hybrid) + 2 posters (1 in-person + 1 virtual);
- **88** Sci-Mix Posters

