

## 2026 CISTAR YEAR 9 ANNUAL MEETING & NSF SITE VISIT

# AGENDA

HILTON ROSEMONT/CHICAGO O'HARE

5550 N River Rd, Rosemont, IL 60018

ALL TIMES ARE CENTRAL TIME (CT)

## TUESDAY, APRIL 14, 2026

### 3:00 PM - Hotel check-in begins (Hilton Rosemont/Chicago O'Hare)

There are no scheduled meeting events Tuesday evening; early arrival is optional for faculty, industry, and staff. Please note: There is a separate agenda for the Fellows Institute activities with logistic information including arrival times.

## WEDNESDAY, APRIL 15, 2026

The hotel will have a designated room for attendees' luggage on Wednesday prior to check-in at 3:00 PM. Guests are welcome to check with the front desk before 3:00 PM if an early check-in is possible. Unless otherwise noted, all events will take place in the Grand Ballroom, Salon II on the first floor. Additionally, unless otherwise noted, all participants (Faculty, Fellows, Industry, & EWD/ASI (Engineering Workforce Development and Access & Societal Impact Teams) are invited to attend all sessions. For remote participants, please use this Zoom link for Wednesday's presentations: <https://purdue-edu.zoom.us/j/96848437642?pwd=CXA1yK9F0qQYuL6PbBn9>

Time	Event	Presenter(s)
10:15 AM – 10:45 AM	Registration for All Attendees & Lunch Served	
10:45 AM – 11:00 AM	Welcome and NSF Site Visit Team Introductions (15 min.)	Fabio Ribeiro, Center Director
11:00 AM – 11:45 AM	CISTAR Year 9 Center Strategy (30 min. + 15 min. Q&A)	Fabio Ribeiro, Center Director
11:45 AM – 12:50 PM	Research Program Overview (50 min. + 15 min. Q&A)	Linda Broadbelt & Ruilan Guo, Deputy Co-Directors
12:50 PM – 1:00 PM	Break	
1:00 PM – 1:45 PM	Innovation Ecosystem Report (30 min. + 15 min. Q&A)	Peter Keeling, Industry & Innovation Director
1:45 PM – 2:15 PM	Break for Faculty, Fellows, EWD/ASI (Salon II) SVT Private Session with Industry (30 min.) *NSF and Industry only (Salon I)	
2:15 PM – 3:00 PM	Engineering Workforce Development & Impact Report (30 min. + 15 min. Q&A)	Maeve Drummond Oakes, EWD Director; Denise Driscoll, ASI Director; Elsa Castillo, ASI Co-Director
3:00 PM – 3:45 PM	NSF SVT Q&A Discussion Session with CISTAR Leadership Team (45 min.) (Salon II) Fellows & Industry Networking Session (Salon I)	
3:45 PM – 4:00 PM	Break	
4:00 PM – 5:30 PM	Poster Session with Refreshments	
4:00 PM – 4:45 PM	Poster Session: Group 1 Presents	

## WEDNESDAY, APRIL 15, 2026 - CONTINUED

4:45 PM – 5:30 PM	Poster Session: Group 2 Presents	
5:30 PM – 6:00 PM	Break	
6:00 PM – 8:00 PM	Dinner	
7:00 PM – 8:00 PM	Dinner Presentation: <i>"How is the Balance between Discovery Research and Technology Advancement Evolving in Industry?"</i>	Stu Soled, Distinguished Research Associate at ExxonMobil (retired)

## THURSDAY, APRIL 16, 2026

Hotel check out is at 12:00 PM. There will be a designated area for luggage. Unless otherwise noted, all events will take place in the Grand Ballroom, Salon II on the first floor. Additionally, unless otherwise noted, all participants (Faculty, Fellows, Industry, & EWD/ASI (Engineering Workforce Development and Access and Societal Impact Teams)) are invited to attend all sessions. For remote participants, please use this Zoom link for Thursday's presentations: <https://purdue-edu.zoom.us/j/96848437642?pwd=CXA1yK9F0qQYuL6PbBn98pblz-rdTUj.1>

Time	Event	Presenter(s)
7:00 AM – 8:00 AM	Breakfast	
8:00 AM – 8:15 AM	Welcome and Introduction, Day 2 (15 min.)	Fabio Ribeiro, Center Director
8:15 AM - 12:00 PM	Engineering Workforce Development/Access and Societal Impact Breakout Session (Salon I)	
	Technical Research Highlights (Salon II)	
8:15 AM - 8:45 AM	Molecular-to-Systems Engineering for Energy Production (25 min. + 5 min. Q&A)	Jennifer Dunn, Thrust 7 Lead Alexander Dowling, UND
8:45 AM – 9:15 AM	AI and Quantum as the Frontiers in Process Systems Engineering (25 min. + 5 min. Q&A)	David E. Bernal, PU Can Li, PU
9:15 AM - 9:45 AM	Using Proton-conducting Ceramic Electrochemical Cells for Alkane Dehydrogenation (25 min. + 5 min. Q&A)	Brian Tackett, PU
9:45 AM - 10:00 AM	Break	
10:00 AM - 10:30 AM	Unravelling the Role of Deposited Carbonaceous Species on Propane Dehydrogenation Activity of Pt Based Intermetallic Catalysts (25 min. + 5 min. Q&A)	Abhaya Datye, UNM
10:30 AM - 11:00 AM	Technology Module Facilities at CISTAR Partner Institutions (25 min. + 5 min. Q&A)	Justin Notestein, NU
11:00 AM - 11:30 AM	Zeolite Materials for Selective Catalytic Transformations (25 min. + 5 min. Q&A)	Raj Gounder, Thrust 2 Lead
11:30 AM - 12:00 PM	Empowering Abundant, Reliable, and Affordable Energy for the Future (25 min. + 5 min. Q&A)	Fabio Ribeiro, Center Director
12:00 PM	Boxed Lunches Available; Hotel Check out	
12:00 PM – 1:00 PM	Industry Wrap-Up Discussion (Salon I)	
2:00 PM – 4:45 PM	Fellows Institute: GTI Energy Tour (Required for Fellows; Optional for Faculty/Industry)	