



2023 Industry Conference

**Tuesday, April 18 and
Wednesday, April 19, 2023
Knoxville, TN**

INDUSTRY CONFERENCE – DAY 1
Tuesday, April 18, 2023 (UT Student Union, Room 169)
(All times US Eastern)

7:30 – 8:30	Breakfast
8:30 – 12:00	Pre-conference Tutorials
8:30 – 10:00	Modeling, Management and Application of Lithium-Ion Battery Energy Storage Systems (Kevin Bai)
10:00 – 10:30	Break -
10:30 – 12:00	Fundamentals of Intelligent Systems and Machine Learning: Applications in Power Systems (Fran Li, Kevin Tomsovic, and Yilu Liu)
12:00 – 13:00	Lunch in room 262 of the Student Union
13:00 – 13:30	Welcome and Center Overview – Dr. Kevin Tomsovic
13:30 – 15:00	Invited Keynote Speeches
13:30 – 14:00	Ben Kroposki (NREL) “ <i>Grid-forming Inverters and the UNIFI Consortium</i> ”
14:00 – 14:30	Daniel Brooks (EPRI) “ <i>Grid Capabilities and Technologies to Enable a Net-Zero Economy by Mid-Century</i> ”
14:30 – 15:00	Jeffrey Csank (NASA) “ <i>NASA Lunar Surface Operations and Power Grid</i> ” - Fred
15:00 – 15:30	Break
	Faculty Research Projects Overview
15:30 – 16:30	(F. Li, Y. Liu, H. Pulgar, K. Sun, K. Tomsovic, J. Chow/D. Osipov, K. Bai, D. Costinett, H. Cui, L. Tolbert, F. Wang)
	Student Paper Session – Power Systems -
16:30 – 17:30	(A. Ademola, B. She, X. Wang, T. Xia, M. Xiong, M. Bennett)
17:30 – 18:30	Break
18:30 – 20:30	Conference Dinner (Cumberland House Hotel—Pearl Ballroom)
20:30 – 21:30	IAB/SAB Meeting

INDUSTRY CONFERENCE – DAY 2
Wednesday, April 19, 2023 (UT Student Union, Room 169)

7:30 – 8:30	Breakfast
8:30 - 9:30	Student Paper Session – Power Electronics (P. Kritprajun, Z. Gao, D. Li, S. Sohid, X. Xia, Z. Liang)
9:30 – 10:30	Invited Keynote Speeches
9:30 – 10:00	Wolfgang Demmelbauer-Ebner (Volkswagen): <i>“Electrification in America - Volkswagen’s Journey to Zero Emissions”</i>
10:00 – 10:30	Juan Castaneda (Southern California Edison): <i>“Pathway 2045- SCE Road Map to Full Decarbonization”</i>
10:30 – 11:00	Break and moving to labs on Min Kao Building 1 st and 4 th floor
11:00 – 13:00	Lab Demo, Poster Session and Box Lunch – poster map with agenda
13:00	Adjourn

UT Area Map—Student Union & Min Kao Building highlighted in green.



NOTICE FOR THOSE WHO REGISTERED FOR THE CONFERENCE DINNER

The **CURENT Industry Conference Dinner** will be held at the Cumberland House Hotel (highlighted in yellow) at 1109 White Avenue in Knoxville on Tuesday, April 18. The reception starts at 6:30 p.m. and dinner will be served at 7 p.m. The hotel is a ten-minute walk from the Student Union (highlighted in green) where Tuesday's meeting will be held.

*Please note that water, tea, and soft drinks will be provided. A beer & wine cash bar will be available for attendees over the age of 21. The bar does NOT take credit cards and will only accept cash.

