

2023 Industry Conference

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

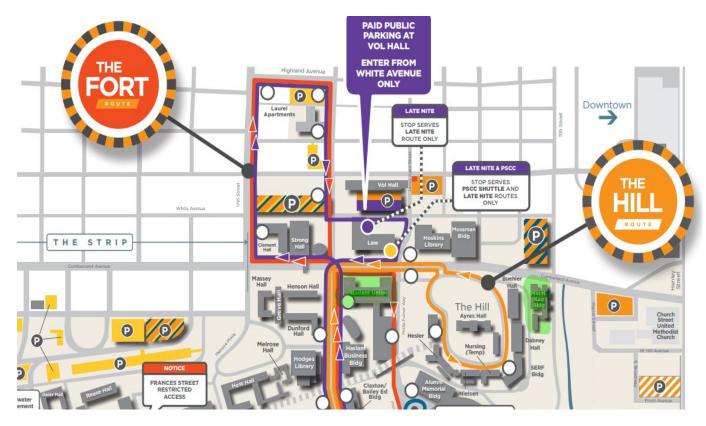
INDUSTRY CONFERENCE – DAY 1 Tuesday, April 18, 2023 (UT Student Union, Room 169) (All times US Eastern)

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) "Grid-forming Inverters and the UNIFI Consortium"
14:00 – 14:30	Daniel Brooks (EPRI) "Grid Capabilities and Technologies to Enable a Net-Zero Economy by Mid-Century"
14:30 - 15:00	Jeffrey Csank (NASA) "NASA Lunar Surface Operations and Power Grid" - Fred
15:00 – 15:30	Break
15:30 – 16:30	Faculty Research Projects Overview
	(F. Li, Y. Liu, H. Pulgar, K. Sun, K. Tomsovic, J. Chow/D. Osipov, K. Bai, D. Costinett, H. Cui, L. Tolbert, F. Wang)
16:30 – 17:30	Student Paper Session – Power Systems -
	(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): "Electrification in America - Volkswagen's Journey to Zero Emissions"
10:00 – 10:30	Juan Castaneda (Southern California Edison): "Pathway 2045- SCE Road Map to Full Decarbonization"
10:30 – 11:00	Break and moving to labs on Min Kao Building 1st and 4th floor
11:00 – 13:00	Lab Demo, Poster Session and Box Lunch – poster map with agnda
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 except cash.

