



In person tour of UAlbany ETEC

Date:

Monday, July 24th, 2023

Time:

10:00 to 12:00 PM, EDT

Location:

**1400 Washington Ave
ETEC
Albany, NY 12222**

Space is limited

To reserve your seat, click below:

Register Now

IEEE Schenectady Section Website:

<https://site.ieee.org/schenectady/>

For latest details, please join our LinkedIn group:

<https://www.linkedin.com/groups/12198700/>

If you need help registering for the event, reach out to:

ieeepeschapter.schenectady@gmail.com

Abstract:

Join us for a guided tour of the state-of-the-art UAlbany ETEC facilities. ETEC is UAlbany's largest Academic building on the Uptown Campus. It contains 40 labs, 200 full-time staff members and 100 research partners.

Agenda:

First Floor:

- 1) Science on a sphere: an 8-foot, interactive 3-D globe with limitless methods of visualizing geo-spatial data.
- 2) Atrium: UAlbany's academic symbol, Minerva - The Roman goddess of wisdom overlook the informal collaboration space.
- 3) Engineering Labs: An intimate look into the Artificial Intelligence academy at UAlbany

Basement:

- 4) Makerspace: The hub for multidisciplinary creative productivity and Innovation.
- 5) Chemistry Labs: State-of-the-art chemistry labs providing students with pioneering research opportunities in semi-conductors, cosmetics, pharmaceuticals, and more.

Second Floor:

- 6) Emergency Operations Simulator: A real-world 911 call-taking station model using the real technology.
- 7) Center of Advanced Red Teaming: First-ever academic research center devoted to the science of Red Teaming.

Third Floor:

- 8) Collaboratorium and Ops Command Center: Vast open space for collaboration using novel technology
- 9) xCITE Lab: Industry leading software development and data/visualization analytics innovation facility
- 10) NYS Mesonet: A network of 126 weather stations collecting, archiving, and processing data in real time for weather prediction models and support tools.

Fourth Floor:

- 11) Weather Map Room: An immersive and collaborative weather training environment.
- 12) Paleoclimate Lab: Laboratory focused on the study of corals and lake sediment to inform climate change models.

Fifth Floor:

- 13) Observation Deck and Green Teaching Roof: A 180 degree view for weather monitoring. The best view of any classroom in the capital region.

