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[May Seminar: Tuesday, May 10th @ 5:45 PM](#)

Technical Tour: Caterpillar Additive Manufacturing Factory and Innovation Accelerator

Date: Tuesday, May 10th, 2016
Time: 5:45 PM - 8:00 PM
Location: Caterpillar Technical Center Labs
14009 Old Galena Rd
Mossville, IL 61552

Agenda

- 5:45 - 6:00 PM: Sign-in: Meet at Y-17 entrance off of E. Cedar Hills Dr. on Tech Center Campus
- 6:00 - 7:00 PM: Tour of Tech Center Building K (Innovation Accelerator and Additive Manufacturing Labs)
- 7:00 - 7:30 PM: Tour of Tech Center Building E (Soil Lab)
- 7:30 - 8:00 PM: Networking, Refreshments, and Wrap-up
- 8:00 PM: Meeting End

Organizer: Sowmya Nagesh, CILS Women in Engineering Chair

For questions, contact Sowmya <sowmya.nagesh@gmail.com>

Details:

Innovation Accelerator: Caterpillar's Innovation Accelerator is a two-story space where Caterpillar team members go to let their imaginations run wild, dreaming up and modeling that next great innovation in a setting that inspires creativity. Upstairs, the teams meet to brainstorm game-changing ideas and explore endless possibilities. Downstairs in the Maker Space, they experiment with physical materials to rough-model their concepts using a variety of tools. When the teams want a more precise version of their model, they can walk across the hallway to the Additive Manufacturing Factory for a nuanced 3D model, or connect with the production team members who can machine the final part.

Additive Manufacturing Factory: Caterpillar has been actively engaged in 3D printing technology for many years in a variety of our facilities, but the new Additive Manufacturing Factory allows us to take this to a whole new level, with a focus on components (parts). With this centralized location of both commercial and high-end prototype 3D printers, Caterpillar has the ability to better serve our customers, increase the efficiency of internal operations and do exploratory research and development with the latest technology.



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About the Tour:

We will tour the Innovation Accelerator, the Additive Manufacturing Factory, and the Soil Lab. Refreshments will be provided after the tour during networking and social time.

Directions:

❖ Via IL/29

- Head northeast on NE Adams St toward Hamilton Blvd (3.0 mi)
- Continue onto IL-29 N/N Galena Rd
- Continue to follow IL-29 N (7.7 mi)
- Slight left onto N Old Galena Rd (0.4 mi)
- At the traffic circle, take the 1st exit and stay on N Old Galena Rd (1.6 mi)
- Turn left onto E. Cedar Hills Dr.
- Destination will be on the right

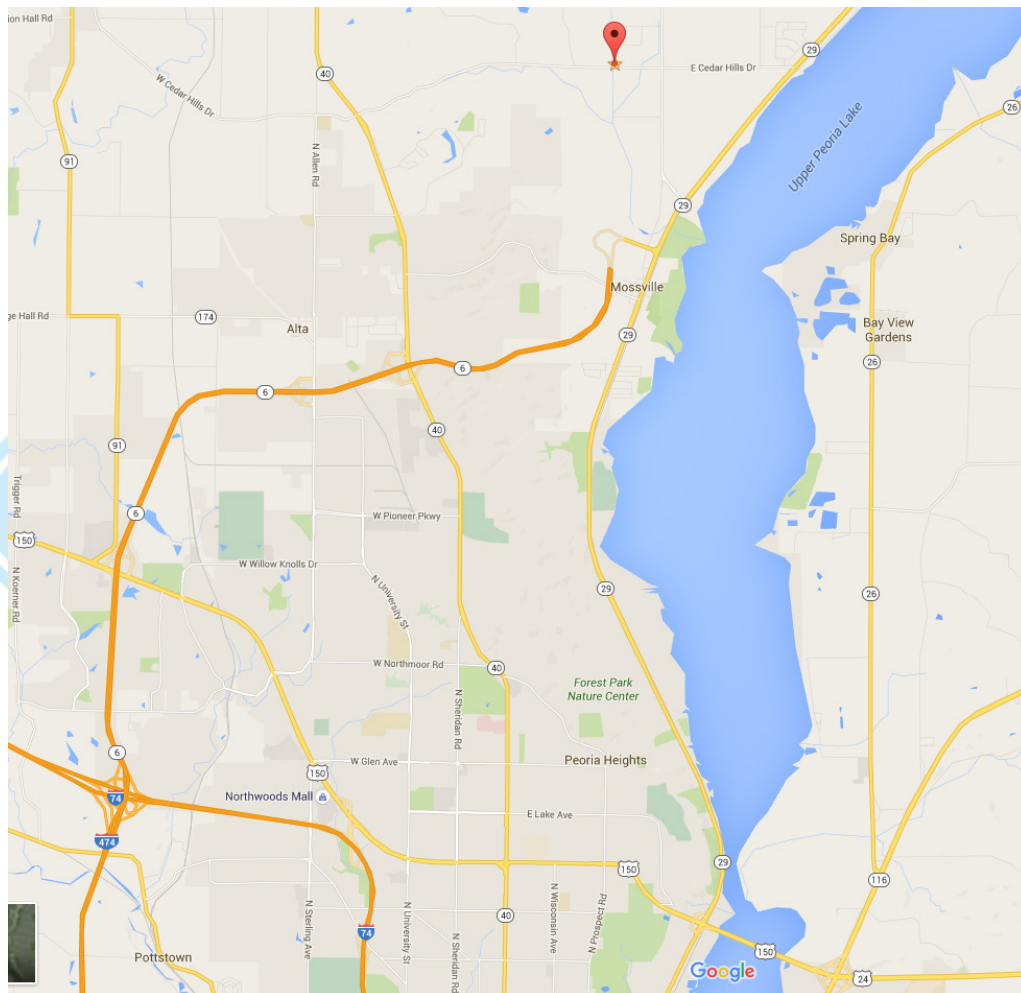
❖ Via I-74/IL RT 6

- Head northeast on NE Adams St toward Hamilton Blvd (0.3 mi)
- Turn right onto Eaton St (0.2 mi)
- Turn right to merge onto I-74 (0.2 mi)
- Follow I-74 to IL-6 N in Mossville. Take exit 9 from IL-6 N 15 min (15.8 mi)
- Merge onto I-74 (6.1 mi)
- Take exit 87B for Illinois 6 N toward Chillicothe (0.6 mi)
- Merge onto IL-6 N (8.8 mi)
- Continue onto Exit 9 (signs for Illinois 29/Chillicothe) (0.4 mi)
- Turn Left on to IL-6- State Street (1.6 mi)
- Drive to N Old Galena Rd 5 min (2.6 mi)
- Continue onto IL-6 N (0.2 mi)
- Turn left onto Old Galena Rd/N State St (0.8 mi)
- At the traffic circle, take the 2nd exit onto N Old Galena Rd (1.6 mi)
- Turn left onto E. Cedar Hills Dr.
- Destination will be on the right

❖ Via N Knoxville Ave

- Get on I-74 2 min (0.6 mi)
- Head northeast on NE Adams St toward Hamilton Blvd (0.3 mi)
- Turn right onto Eaton St (0.2 mi)
- Turn right to merge onto I-74 (0.2 mi)
- Take IL-40 N/N Knoxville Ave and IL-6 N to Old Galena Rd/N State St in Mossville 17 min (11.1 mi)
- Merge onto I-74 (0.5 mi)
- Take exit 92A for IL-40 N/Knoxville Ave (0.3 mi)
- Continue onto IL-40 N/N Knoxville Ave (signs for Proctor Hospital) (6.9 mi)
- Use the right lane to take the Illinois 6 N ramp to Chillicothe (0.5 mi)

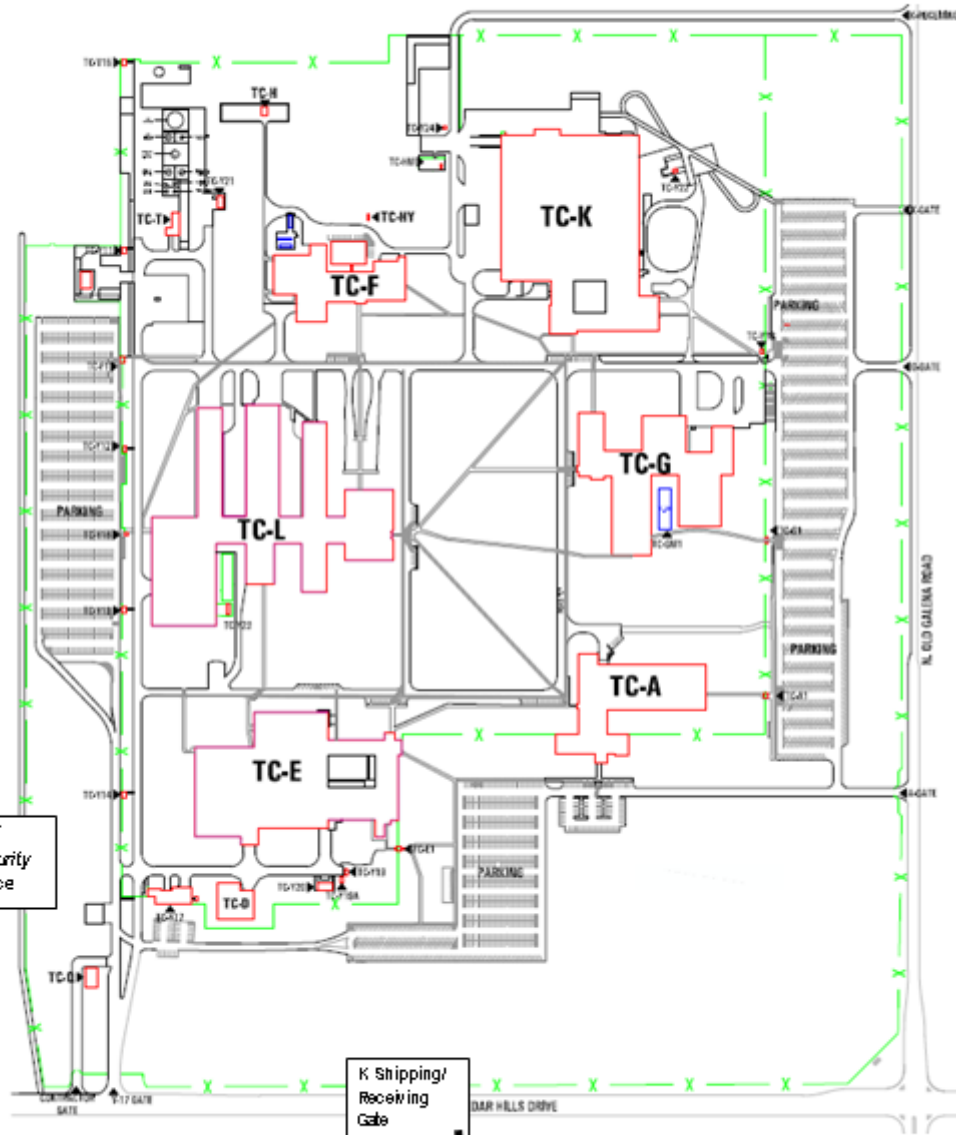
- Merge onto IL-6 N (2.3 mi)
- Continue onto Exit 9 (signs for Illinois 29/Chillicothe) (0.4 mi)
- Continue onto IL-6 N (State Street) (0.2 mi)
- Drive to N Old Galena Rd 4 min (2.4 mi)
- At the traffic circle, take the 2nd exit onto N Old Galena Rd (1.6 mi)
- Turn left onto E. Cedar Hills Dr.
- Destination will be on the right



[Google Maps Link](#)



Y-17
Security
Office



K Shipping/
Receiving
Gate





Please park and check in at Gate Y-17 for the tour. Refer to the two maps above for the location of gate Y-17, which is off of Dunlap E Rd (E Cedar Hills Dr), just west of the intersection between Dunlap E Rd and Old Galena Rd. Once we are all checked in at security, we will board the tour shuttle. The Caterpillar tour guides will then drive us into the facility for the tour.



Click the link below or the full agenda and registration information:

[May 10th IEEE CILS Meeting Registration](#)

**** Refreshments will be provided ****



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