



The World Leader in Technology and Autonomy in Construction and Mining

Presented by Eric Hughes & Mike Bridenbaugh, Caterpillar Inc.

When: Thursday, September 12 5:30-7:30pm

Where: Margaret Morrison, Room A14

RSVP: Handshake

Food: Of course!



CONSTRUCTION
INDUSTRIES



RESOURCE
INDUSTRIES



ENERGY &
TRANSPORTATION



SERVICES DISTRIBUTION
& DIGITAL

Summary:

Join us for this presentation on the complex and fascinating work done by Caterpillar in the areas of electrification, hybrid, and autonomous systems. You will learn about Caterpillar's business, career opportunities, and technologies. The presenters, former CMU students, will cover technical projects related to remote control and autonomy, hybrid energy storage, dual fuel engines and power systems.

Caterpillar is the largest manufacturer of construction equipment, mining equipment, diesel and natural gas engine systems in the world. Cat is a Fortune 100 company with annual revenue of \$55B and one of 30 in the Dow Jones Industrial Average. Cat invests heavily in research and development of new technologies. Electronics, advanced controls, and autonomous systems are key areas of investment for Caterpillar. Cat employs over 2000 electronics and software engineers worldwide and was ranked #1 as "top employer in electronics" by *Electronic Design* magazine.

Today, Caterpillar's autonomous machines operate on numerous mine sites around the world. They can negotiate complex haul roads, maneuver through high traffic areas, and work with other autonomous machines to perform complex tasks. Join us for this presentation and take a look under the hood at the technology that drives "Big Cat."