Louisville Section Meeting

Date: Tuesday, September 12, 2023

Time: 6:00 PM - Sign-in and Tours
6:30 PM – Dinner
7:00 PM – Presentation
8:00 PM – Networking Questions and Follow Up

Location: Hanover College, Science Center

Website: https://hanover.edu

Price: IEEE members and Guests: $20
IEEE Life Members and Students: Free

RSVP: Tim Brooks, Treasurer, tbrooksee@ieee.org by September 1st

Topic: Intrinsically Safe Design

Speaker: Austin (AJ) Deuerling

Abstract:

As vehicle technology has advanced over the years, so have the fuel sources and materials used to make the vehicles. While performing repairs to vehicles, these fuel sources or materials may present a hazard with arcing or sparking components. These hazardous locations rely on special design accommodations to reduce the amount of energy supplied to negate the risk of a hazard. What are these hazardous materials? Are there different types of hazardous locations or regulations for different materials? How can we design to minimize risk in hazardous locations?

Speaker Bio:

Austin Deuerling is Lead Engineer - Electrical Engineering at Vehicle Service Group. Austin started as a Controls Design Engineer in 2014 and recently was moved to Lead Engineer in 2021. He has been involved in full product design projects (both hardware and software) as well as adding new accessories to current products. He is also over Warn Automotive electrical engineers working closely with OEM partners to develop new products for vehicle disconnects. Recent projects include adding wireless remotes to MOD inground lifts, R&D work with machine learning and supporting new global efforts. Austin's LinkedIn profile can be viewed at https://www.linkedin.com/in/austin-deuerling-41717b57/

Co-Sponsors:

This Event is Co-sponsored by the Hanover College Engineering Club. Engineering Students and Members of the Club will be available to give tours and answer question regarding the Hanover College campus and the Engineering Labs before and after the meeting.