

Quick Summary:

Date: Dec 05 2025

Time:

04:00 PM - 05:30 PM EST

Duration: 1.5 hours

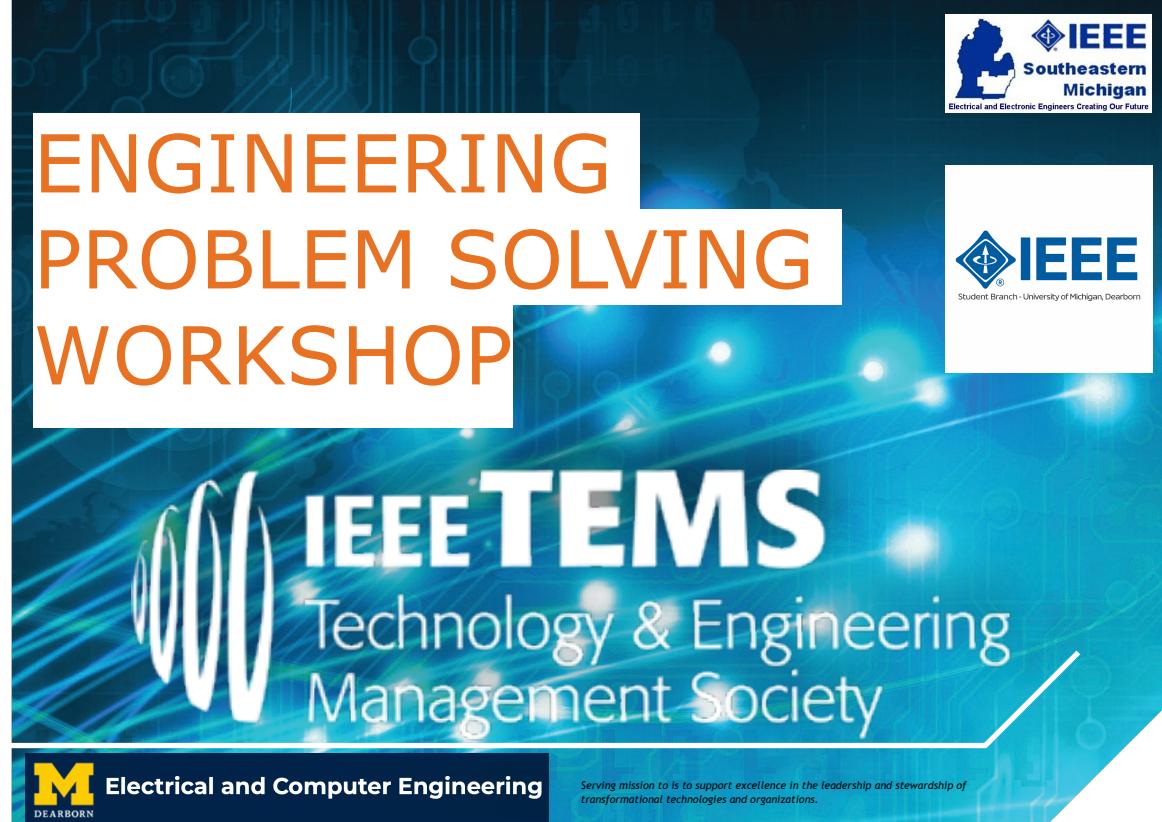
Location: UM-Dearborn
ELB 2390

Target Audience:

**Graduate students and
early-career engineers**

Format: Interactive with
group exercises

Pizza will be served!!!



The poster features a blue background with a circuit board pattern. The title 'ENGINEERING PROBLEM SOLVING WORKSHOP' is in large orange letters. Below it, 'IEEE TEMS' is in large white letters, with 'Technology & Engineering Management Society' in smaller white text. The IEEE logo is in the top right corner, and the TEMS logo is on the left. A small text box at the bottom left says 'M DEARBORN'.

Systematic approaches to engineering problem solving

This hands-on workshop equips graduate students and young professionals with **systematic approaches to engineering problem solving**, covering the complete process from problem definition to solution implementation.

Participants will learn industry-standard techniques:
FMEA, 8D, root cause analysis, and decision-making frameworks.

Applying these methods through interactive case studies and team exercises.



This practical skill will help attendees avoid common problem-solving pitfalls and build confidence in tackling complex technical challenges.

Attendees will leave with immediately applicable tools and a structured framework for approaching engineering problems in both academic and professional settings.

***Pre-registration Required!**

<https://events.vtools.ieee.org/m/513006> **by Dec 04 2025**

A IEEE Technology and Engineering Management Society event in co-operation with IEEE University of Michigan - Dearborn Student Branch.

