COLLEGE OF ENGINEERING, COMPUTER SCIENCE, & TECHNOLOGY

Seminar in Interdisciplinary STEM Research

September 9 – Friday, 11:00-11:50 AM

Location: ET A226

HOSTED BY CREST CATSUS



Dr. Petr Vozka

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Comprehensive Two-Dimensional Gas Chromatography in Fight Against Plastic Pollution

Abstract: Petr Vozka is a director of the Complex Chemical Composition Analysis Lab (C^3AL) at Cal State LA, where he focuses on characterizing complex chemical mixtures, such as alternative fuels, oil spills, and microplastics, via state-of-the-art techniques: two-dimensional gas chromatography and high-resolution mass spectrometry. This seminar presentation will be centered around plastic waste conversion to useable chemicals, microplastic consumption, and how to perform detailed chemical analyses of such systems.

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