



Department of
Information Science Technology
Cullen College of Engineering

IST Seminar Series Presents:



AI Mastery Campaign: Ethical Teaching and Learning

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University of Houston

Monday, November 24, 2025 from 1:00PM-2:00PM (Central Time)

Location: BH2 301A

Teams Meeting Link:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGY2NThkYWUtMWQ1NS00MjU4LWFiYmQtNjZkOTQ0YTgxNmly%40thread.v2/0?context=%7b%22Tid%22%3a%22170bbabd-a2f0-4c90-ad4b-0e8f0f0c4259%22%2c%22Oid%22%3a%22c9f8dd10-bdbf-4c7a-bc65-d4bc72037cbe%22%7d

Abstract: The rapid integration of generative AI into academic life has disrupted traditional teaching, learning, and assessment paradigms. Faculty across disciplines face mounting challenges: detecting AI-assisted plagiarism, designing cheat-resistant assignments, fostering responsible AI use, and leveraging these tools to enhance student engagement and critical thinking. The '**AI Mastery Campaign: Ethical Teaching and Learning**' is an initiative featuring custom campaigns developed for every college, each specifically tailored to its disciplines, workflows, and pedagogical priorities. By aligning practice with policy through college-tailored education, the campaign aims to reduce academic integrity violations while improving student outcomes and faculty satisfaction. Ultimately, AI Mastery positions the university as a leader in ethical, adaptive AI adoption.

Biosketch: Otto holds a Bachelor's degree in Biomedical Informatics from Austria and both a Master's and Ph.D. in Computer Science from the University of Houston. He is a Senior Software Engineer with the CODE Group and has also served as an Adjunct Professor at the University of Houston since 2014. His project portfolio spans biomedical image processing, large-scale genetic data analysis, analytical and modeling software for the oil and gas sector, and custom control development. He has authored scientific papers, industry magazine articles, and is a frequent speaker at AI and software engineering conferences.

Outside of software, Otto is an accomplished powerlifter, regularly training for competitions and actively defending his USPA National Records and IPL World Records.

<https://www.ist.uh.edu/research/seminars>