



IEEE Systems Council Chapter presents IEEE Distinguished Lecture Series:

Mr. Samnangdona An

Virtual

Date: Monday, April 24th, 2023

Time: 5PM-6PM

<https://csulb.zoom.us/j/81826238304>

Meeting ID: 818 2623 8304



Into the Signal Processing World

Abstract: In a world full of rapid technological advancements, primarily due to the information technology(IT) sector, Signal Processing (SP) is absolutely integral. Defined as the manipulations and modifications of message-conveying mediums such as sounds, images, videos, and electromagnetic waves to extract useful and usable information, it has a solidified and well-established mathematical foundations underneath. SP also serves as an invaluable foundation to Machine Learning (ML), an increasingly demanding and ubiquitous topic. SP and ML often go hand-in-hand to produce intelligent systems.

This presentation will cover the importance of signal processing in the IT section, applications, future prospects as well as what you need to succeed in the subfield of electrical engineering. It will also cover how classical implementation of SP or DSP can be vastly improved by complementing it with ML modules.

About speaker: Mr. Samnangdona An is currently working as a DSP and ML engineer at Shure Inc, focusing on the Stem Ecosystem, an audio conferencing solution. He is a CSULB alumni, having earned Bachelor of Science and Master of Science, both in Electrical Engineering with emphasis on DSP and Communication Systems. He received an award for being at the top 1% of Dean's List for High Scholastic achievement in 2021.

For more information, please contact: Prof. Henry Yeh at henry.yeh@csulb.edu

*This is a joint invitation between CSULB IEEE Student Branch and IEEE Systems Council Chapter.