IEEE Southeastern Michigan
Presents
"A Technical History of Video Conferencing"

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Video conferencing refers to the conduct of an online meeting between people in different locations through two-way audio and video transmissions. To put it simply, it is like a conversation between two persons (point-to-point) or more people (multipoint) gathering in a virtual meeting room to communicate and collaborate in real time. Besides the audio and video transmission, modern day cutting-edge technologies have hugely expanded its functionalities, like screen sharing, file sharing, private rooms, etc.

This presentation will detail the history of how video conferencing developed and what are the different underlying technologies which each contributed to it's growth? Here we will briefly talk individual inventors as well. Time permitting, we will compare many of the popular video conferencing platforms out there.

Speaker Bio:

Sharan Kalwani is an industry technology specialist with 25+ years of experience. Sharan has degrees in both Engineering and Computer Science. He has worked in many diverse areas. Sharan is a senior member of IEEE, member of Association for Computing Machinery (ACM) and also leads the SIG-Linux section of SEMCO. He enjoys teaching, holds an Adjunct Faculty position at local educational sites. He has published one book "Linux and Internet Security" and is now working on his second about a new computer programming language. He is a recipient of the 2018 IEEE MGA Achievement award, 2021 IEEE Region 4 Jack Sherman award and 2022 Robert Neff Section award for his contributions to IEEE activities.
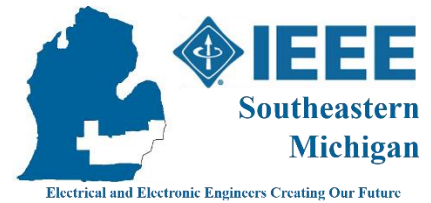
He has been the Chair of the IEEE Southeastern Michigan Section since October 2021 and Chair/Vice Chair/Secretary/Treasurer for many of the Southeastern Michigan OUs over the years. He also serves as a writer and editor of the Sections monthly newsletter - Wavelengths. He has also served as Vice-Chair of IEEE Sustech 2022, IEEE SusTech 2021 Global Conferences.

At Glance

- **When:**
  Date: May 2nd , 2025
  Time: 06:30 – 7:30 PM (EST/EDT)

- **Where:**
  Online via WEBEX (to be shared only after you have a confirmed registration)

- Audience: OPEN to ALL*

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*Pre-Registration Required!

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