
Video Compression and Delivery – A Discussion

by Sankar Subramanian, Verizon Technologies, White Plain, NY

Date: November 22, 2005 (Tuesday)
Time: 6:15 pm (refreshment starts at 6:00 pm)
Place: 202 ECEC, NJIT

About the Speaker

Sankar Subramanian received his Ph.D in Computer Engineering from SUNY, Stony Brook in 1994 and his Masters in Computer Engineering from SUNY, Stony Brook in 1991. Sankar works at the Verizon Technology Laboratories in White Plains NY. His interests include Video Compression and Delivery, Network Security, Network Management Systems, Voice-Data Integrations, and Call Center technologies.

About the Talk

This talk will focus on Contemporary Video Compression and Delivery Techniques. The following topics will be discussed:

- Fundamentals of Video Compression
 - Spatial Aspects
 - Temporal Aspects
- Differences in Compression used in
 - Video Streaming
 - Digital Broadcast Television
 - Video on Demand
 - Video Conferencing
- Transport for Video Delivery
- Constraints on the Network for Video Delivery
- Video Quality – The end-user experience

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