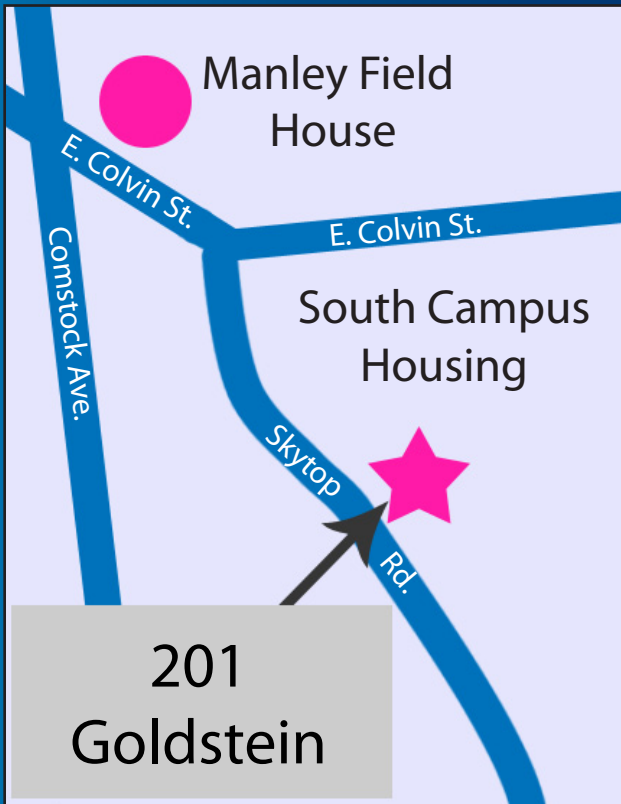


Thursday November 14th
5:30 pm

Goldstein Student Center
Room 201
Syracuse University



Wideband Dually Polarized Microstrip Air Patch Antennas and Dielectric Resonator Antennas



Prof. Ahmed Kishk
Concordia University
Montreal, Quebec

For today's communication, wide frequency band, low cross-polarization and high isolations are required for dually polarized antennas. In this presentation, several designs for air patches, Huygens' source antenna, and dielectric resonator antennas are presented. Several excitation techniques are presented to achieve wideband width and high isolations. Bandwidths between 25-50% are achieved with isolation between 30-40dB.



Please email Michael Enders for parking arrangements at: menders@ieee.org

This event is organized by the Syracuse Chapter of the AP/MTT/EMC Societies of the IEEE.

Refreshments will be served.