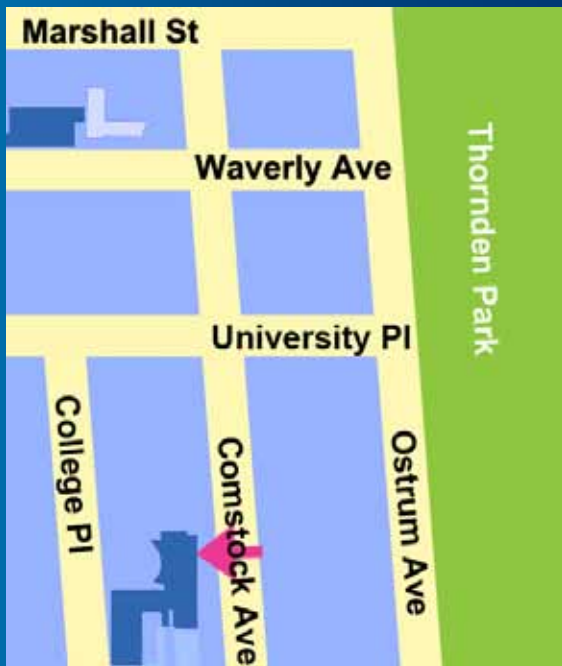


Spiral Antenna Design Considerations

Wednesday, March 27
5:30 pm - 7:30 pm

Syracuse University
Center for Science and Technology
(CST, Si-Tech)
Room 3-216



Limited complementary parking is available by request to the email below prior to noon on March 26th

Refreshments will be served.

For more information, visit our website at:
<http://www.ewh.ieee.org/r1/syracuse/mtt-ap/mttap.htm>
or contact Michael Enders at: menders@ieee.org



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About the presentation

This presentation will describe spiral antenna electrical properties, design considerations, usages and limitations. The presentation will describe planar spiral antenna structures and electrical characteristics. Planar spiral design techniques are described in qualitative rather than quantitative terms. The design aspects are presented in progressively important order, to aid in developing insights into critical reasoning for using or designing spiral antennas. In addition, limitations of spiral antennas are presented to provide system designers performance tradeoffs when they consider using spiral antennas in their system designs.

About the presenter

Tom Lam is a Lockheed Martin Fellow in Mission Systems and Training (MST). He holds an MSEE from NYU-Poly. He is a recipient of the 2012 Asian American Engineer of the Year (AAEOY) award. He has over 25 years of experience in antenna and radome design as well as co-site interference modeling and mitigation.



This event is organized by the Syracuse Chapter of the AP/MTT/EMC Societies of the IEEE. Additional support provided by CASE and the L.C. Smith College of Engineering at Syracuse University.