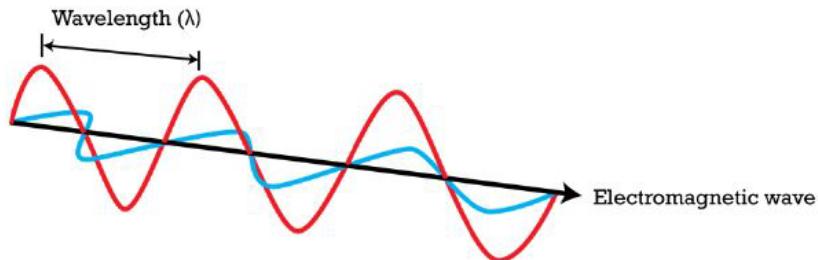


RF Fundamentals Seminar

A RF Fundamentals Seminar offered to southern and central Virginia and Shenandoah Valley area technology companies, education/research students, and faculty. Hosted by Rohde & Schwarz and James Madison University.

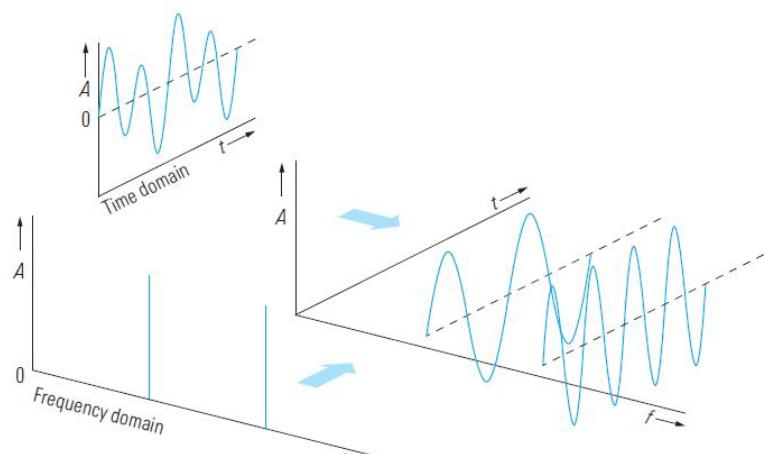
DATE & TIME

Friday, February 28th, 2020
8:00am - 4:30pm (lunch included)



LOCATION

James Madison University
E-Hall Montpelier Room
1681 Carrier Drive
Harrisonburg, VA 22801



Seminar Agenda:

The Electromagnetic Spectrum

Basic units of measure

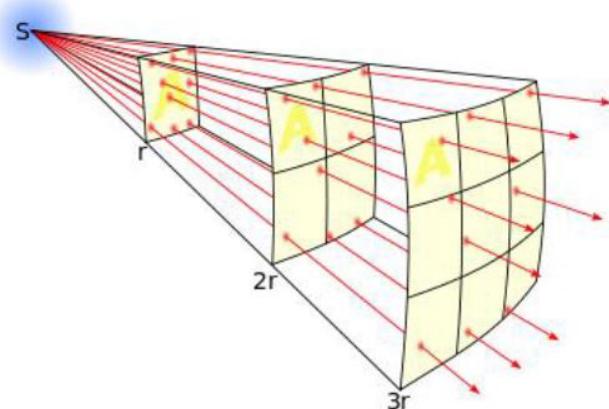
■ Voltage/Current/Resistance, Power
■ Sine Waves/Fourier Representation
& Free Space Propagation

RF Transmission Characteristics

■ Transmission, Measurements & Components

Signals & signal models

■ Unintentional Modulation (Noise), Noise Figure,
& Phase Noise
■ Intentional Analog Modulation: AM/PM/FM
■ Intentional Digital Modulation, I and Q representation
■ Digital Modulation: Constellation Diagrams & other
aspects
■ Vector Signal Analysis



TO REGISTER:

Interested attendees must pre-register by email or phone.

Contact: Dale Simmonds - R&S Account Manager, Southern VA

Office: 540-872-3159 | Mobile: 443-253-2223 | Email: dale.simmonds@rsa.rohde-schwarz.com