

Monday, 6 June 2011

1:20 PM - 5:20 PM

SC-6: National and International Spectrum Regulation for Microwave Professionals

Instructors: Nelson Pollack, Spectrum Analytics, LLC
Michael Marcus, Marcus Spectrum Solutions
Laura Stefani, Goldberg, Godles, Wiener & Wright

Topics:

- US and international wireless spectrum allocation and regulation
- World Radiocommunication Conference processes
- Federal Government spectrum management
- Non-government/FCC spectrum management
- Federal spectrum access: hot issues
- Technical considerations
- Useful spectrum-related tools
- Working with the FCC: introducing new technologies

This half-day course will teach practicing microwave engineers and professionals how to anticipate spectrum-related issues early in the research and development cycle so they can be addressed in a timely way to allow new technology to reach market. Participants will be able to confidently design, implement, and purchase wireless microwave systems compliant with national and international spectrum policies.

Mr. Nelson Pollack retired from 35 years of federal service as the Technical Director of the Air Force Frequency Management Agency. He represented the US Air Force in many DoD, national, and international spectrum management technical and policy organizations. He was also a member of the US delegation to the 2003 World Radio Conference (WRC-03) and contributed to the DoD and US preparations for WRC-07. Currently, Mr. Pollack's company, Spectrum Analytics, LLC, provides specialized spectrum regulatory and technical consulting services to Department of Defense agencies and the US defense industry.

Dr. Michael Marcus, an IEEE Fellow, served in the Air Force (where he was involved in underground nuclear test detection research), analyzed electronic warfare issues at the Institute for Defense Analyses, and worked at the FCC proposing and developing policies for cutting edge radio technologies such as spread spectrum/CDMA, Wi-Fi, and ultra-wideband. After retirement from the FCC, he was appointed Special Advisor the European Commissioner for Information Society & Media. An adjunct professor of Electrical and Computer Engineering at Virginia Tech, he has also taught at MIT and George Washington University.

Ms. Stefani, a graduate of George Washington University School of Law, is an attorney with Goldberg, Godles, Wiener & Wright, where her focus is on the regulation and licensing of new technologies, wireless and mass media regulation, and satellite law. She has advised clients on domestic and international regulatory strategy and represented clients in rulemaking proceedings, waiver requests, FCC auctions, responses to Enforcement Bureau inquiries, spectrum leasing, and equipment certification issues, and is Co-Chair of the Federal Communications Bar Association's Engineering and Technical Practice Committee.