



Saturday, June 11, 2005

2:00 TO 6:00 PM
Registration

Sunday, June 12, 2005

7:00 AM TO 6:00 PM
Registration

12:00 TO 1:15 PM
TSA: Filter I: RF and Microwave Filter Design
TSB: Basic RFIC Building Blocks

8:00 AM TO 12:00 PM
TSC: Monolithic Distributed Power Management for Next Generation Wireless Applications

8:00 AM TO 5:10 PM
WSA: Competitiveness of Broadband Wireless Access (BWA) Systems
WSB: Full CMOS Radio
WSC: Advanced Technologies for Next Generation RFICs
WSD: Advanced System Solutions and Integration Technologies

8:00 AM TO 12:00 PM
WSE: Impact of Component Modeling on Microwave and Millimeter Wave Circuit Performance
WSF: Accuracy of System-level Figures of Merit for Wireless Applications
WSG: Circuit Characterization, Modeling and Testing: Can It Really Be Done without Impedance Tuners?

1:20 TO 5:10 PM
WSH: Noise Shaping Methods for RFIC Design
WSI: On-wafer Microwave Measurements: State-of-the-Art and Future Directions
WSJ: Practical Implementation of RF Power Amplifiers for Cellular Base Stations
WSK: Design Considerations and Tools for the System Level Design of RFICs
WSL: Multi-band, Multi-mode RFICs

5:30 TO 7:00 PM
RFIC Plenary Session – LBCC

7:00 TO 9:00 PM
RFIC Reception – LBCC

Monday, June 13, 2005

7:00 AM TO 5:00 PM
Registration

8:00 AM TO 5:00 PM
RFIC Symposium

1:00 TO 5:00 PM
TMA: EMI/EMC Fundamentals for RF/MW Engineers

8:00 AM TO 5:10 PM
WMA: Application and Technology of High Speed Analog to Digital Converters
WMB: Filter II: Practical Aspects of Microwave Filter Design and Realization
WMC: Advances in RF Power Amplifiers: Modeling, Design and Linearization
WMD: Terahertz Radiation: Technology, Applications and Measurement Methods

8:00 AM TO 12:00 PM
WME: AM Noise in Modern Receivers
WMF: Packaging and Interconnects for Microwave Photonics Applications
WMG: Liquid Crystal Polymers for Microwave and mm-wave Packaging
WMH: High Frequency Digital Backplane Interconnect Characterization and Design

12:00 TO 1:15 PM
PMA: CMOS PAs Step on the GaAs!

1:20 TO 5:10 PM
WMI: New Developments in Low Noise Frequency Sources
WML: Low Cost Packaging for Microwave and mm-wave Products
WMK: Technology and Implementation of High Speed/GHz Digital Interconnections

6:00 TO 8:00 PM
Microwave Journal/MTTS Reception – Aquarium of the Pacific

Tuesday, June 14, 2005

7:00 AM TO 5:00 PM
Registration

8:00 AM TO 5:00 PM
RFIC Symposium

9:00 AM TO 5:00 PM
IMS Exhibition

9:00 AM TO 4:50 PM
µAPS

10:10 TO 11:50 AM
TU2A: Plenary Session

TU1A: Radio Over Fiber: Devices, Techniques and Systems

TU1B: Frequency Conversion and Control Circuits

8:00 TO 9:40 AM
TU1C: Frequency Domain Numerical Techniques

TU1D: Silicon and GaAs Based Novel Amplifiers and Mixers

TU1E: Filter Theory and Synthesis Techniques

PTUA: 3G Handsets – Too Much Power in Your Hands?

12:00 TO 1:15 PM
PTUB: Outsourcing: The Impact on the Microwave Industry

PTUC: RF/Microwave/mm-wave Applications of Metamaterials

1:30 TO 4:30 PM
RTU1F: Interactive Forum

TU3A: Sensors and Sensor Systems

TU3B: Hot Carrier Effects and Mixer Technology

1:20 TO 3:00 PM
TU3C: Advances in Time Domain Modeling

TU3D: FBR Filters for Cellular Phone (Focus Session)

TU3E Memorial Session for Don Parker (Focus Session)

TU4A: Filter Design and Implementation

TU4B: Microwave Component Miniaturization, Performance Optimization, Size Reduction and Emerging Technology

3:30 TO 5:10 PM
TU4C: New Applications of Time Domain Methods

TU4D: Microwave Magnetic Devices

TU4E: Distributed RF Sensor Communication (Focus Session)

5:30 TO 7:00 PM
Women in Engineering Reception
Hyatt

6:00 TO 8:00 PM
Education Forum
Hyatt

6:00 TO 9:00 PM
Ham Radio Social
Hyatt

SCHEDULE OF EVENTS

Wednesday, June 15, 2005

7:00 AM TO 5:00 PM Registration		9:00 AM TO 5:00 PM IMS Exhibition			9:00 AM TO 4:50 PM μAPS	
8:00 TO 9:40 AM						
WE1A: Phased Arrays and Retrodirective Systems	WE1B: Microwave Acoustic Devices	WE1C: Components and Technologies for THz Applications	WE1D: Nonlinear Device Modeling	WE1E: High Power GaN Devices	WE1F: Bandstop and Dual Resonator Filters	WE1G: Baluns and Transmission Structures
10:10 TO 11:50 AM						
WE2A: Smart Antennas and Beamforming Techniques	WE2B: Tunable Dielectric Materials and Devices	WE2C: Terahertz Imaging (Focus Session)	WE2D: A Tribute to Harold Sobol (Special Session)	WE2E: Power Amplifiers for Wireless Applications	WE2F: Ultra Wideband and Extended Stopband Filters	WE2G: Novel Components
12:00 TO 1:15 PM						
PWA: CAD Tools for Microwave IC Design		PWB: Trends for Future Deep Space Exploration		PWC: Venture Capital and Entrepreneurial Opportunities in Microwaves		
1:20 TO 3:00 PM						
WE3A: Advances in Wireless Subsystem Technologies	WE3B: MEMS Device Technology	WE3C: Tunable and Active Filters	WE3D: Advances in Nonlinear Simulation Techniques	WE3E: Advanced Technologies for Power Amplifiers	WE3F: Advanced Packaging Materials and Applications I	WE3G: Analysis and Applications of Low Noise Oscillating System Arrays (Focus Session)
1:30 TO 4:30 PM						
WEIF: Interactive Forum						
3:30 TO 5:10 PM						
WE4A: Future Technologies for mm/mm-wave Applications (Special Session)	WE4B: MEMS Component Technology	WE4C: Planar Dual Mode Filters	WE4D: Nonlinear Behavioral Modeling of Microwave Circuits	WE4E: Couplers, Hybrids and Splitters	WE4F: Advanced Packaging and Materials II	WE4G: Low Noise Devices and MMICs
5:45 TO 7:15 PM Industry-hosted Cocktail Reception – Hyatt		7:30 TO 10:00 PM Awards Banquet – Hyatt				

Thursday, June 16, 2005

7:00 AM TO 3:00 PM Registration		9:00 AM TO 3:00 PM IMS Exhibition			9:00 AM TO 12:00 PM μAPS	
8:00 TO 9:40 AM						
TH1A: Novel Technologies for Signal Generation	TH1B: High Power Amplifiers	TH1C: mm and submm-wave Components for Emerging High Frequency Applications	TH1D: Linear Modeling of Active and Passive Structures	TH1E: Trends for Future Radar Systems with Electronically Scanned Arrays, Part 1 (Special Session)	TH1F: Superconducting and Innovative Planar Filters	TH1G: Advance Nonlinear and Active Device Measurements
10:10 TO 11:50 AM						
TH2A: New Approaches for Low Noise Oscillators	TH2B: Advances in High Power Amplifier Linearization	TH2C: Millimeter-wave Monolithic Transceiver Components	TH2D: Neural Network and Space Mapping Technologies	TH2E: Trends for Future Radar Systems with Electronically Scanned Arrays, Part 2 (Special Session)	TH2F: Synthetic Transmission Lines and Their Applications	TH2G: Innovations in Microwave Measurement
12:00 TO 1:15 PM						
PTHA: On the Impact of Nanotechnology on the Microwave Field						
1:30 TO 4:30 PM						
THIF: Interactive Forum						
1:20 TO 3:00 PM						
TH3A: Advances in Signal Generation Techniques	TH3B: Advanced Radar Systems	TH3C: Metamaterial Waveguides	TH3D: Efficient CAD for Multilayer Circuits and Large Interconnect Networks	TH3E: Novel Transmission Lines and Structures	TH3F: Circuits and Techniques for Multi-Gigabit/sec Transmission	TH3G: Circuits and Techniques for Multi-Gigabit/sec Transmission
3:30 TO 5:00 PM						
TH4B: Wideband Communications Systems	TH4C: High Frequency Propagation and Effects		TH4E: Advances in HF, VHF and UHF Technology		TH4F: Left Handed Transmission Lines and Applications	

Friday, June 17, 2005

7:00 TO 9:00 AM Registration		7:00 AM TO 5:00 PM ARFTG Conference and Exhibition – Renaissance		
8:00 AM TO 12:00 PM		8:00 AM TO 5:10 PM		1:20 TO 5:10 PM
TFB: Signal Integrity Modeling and Analysis WFE: Recent Advances in RF MEMS WFF: Very Large Microwave Arrays for Radio Astronomy and Space Communications		TFA: Ferrite, Ferroelectric and Other Special Materials for Microwave Control WFA: Physics, Theory, Fabrication and Applications of Microwave Metamaterials WFB: RF Aspects of Software Defined Radio (SDR) WFC: Advances in Automated Modeling and Microwave Design WFD: Advances in High Efficiency Power Device and Circuit Technologies		WFG: Rediscovering Circuit Design Techniques for Microwave Components, Circuits and Subsystems: The Efficiency and Power of EM/Circuit Codesign WFFH: See Through Wall Radars