MICROWAVE WEEK

(Saturday	Registration 14:00–18:00	Social Events Gue	st Program	
8:00 Full-Day and Morning Workshops and Short Courses	13:00 Afternoon Workshops		est Program	
 WSA: Architectural Design and System Verification for Wireless SoC - Nice to Have or a WSB: Wireless Reconfigurable Terminals: Adaptive Analog Circuits or Digital RF Process WSD: Nanoscale RFIC Design Challenges and Foundry Solutions WSE: System-in-Package Technologies for Cost, Size, and Performance WSG: Solid-State Power Invades the Tube Realm WSG: Solid-State Power Invades the Tube Realm WSD: XIRID WSM: 24 GHz ISM-Band Communications WSO: Silicon BiCMOS and CMOS PA from RF to Millimeter-Wave TSA: RFIC Circuit and System Design Tutorial TSB: Analog and High-Speed Circuit Design Solutions for Nano RF CMOS TSC: Tutorial Workshop on RF and Microwave Filter Design TSD: SDR and Cognitive Radio - The Need for Reconfigurable RF Front-Ends CSA: Micro Coaxial Lines: Theory, Design and CEM Lab CSB: Galileo - Europe's Share for a Global Navigation Satellite Service 	Real Necessity?		ne Day MauiTour 05:00-20:00 Hospitality Suite 07:00-12:00	Microwav IMS C What's IEEE : Advand US Vis Accom About
WMA: Advances in Active Device Characterization and Modeling for RF and Microwav WMB: On-Chip/Off-Chip DC, RF, and Microwave Measurement Modules for RFIC, So Ci WMC: High-Speed Signal Integrity WMD: Emerging Packaging Technology and Applications at Millimeter-Wave Frequen WME: High-Q RF MEMS Tunable Filters WMF: Theory and Design of Phase Locked Loops WMG: Challenges of High Power Device Characterization and Modeling WMH: High Power Issues of Microwave Filter Design and Realization WMK: Ultrafast Analog-to-Digital (A/D) Conversion Technique and its Applications TMA: High-Frequency Characterization of Printed Circuit-Board Materials TMB: Practical Analysis, Stabilization, and Exploitation of Nonlinear Dynamics in RF, M TMC: Canceled CMA: RFID — Design of Integrated Passive Transponders CMB: Millimeter-Wave and THz Electromagnetics, Components, and Systems	nd SiP Self Characterization, Self Test, Self Debug, and Diagnosis ties PMA: RFID (HCC 313C) WMJ: Will Wide Band-Gap Power Transistors Render Silicon Power Transistors Obsolete?	Reception 18:00-20:00 HCC Rooftop Garden Ariz: Miss	Kualoa Ranch 07:10–14:00 ona Memorial, USS souri, and City Tour 06:30–15:30 Hospitality Suite 07:00–12:00	Techni Plenary Tuesda Tec Par Stu Wedne Tec Int
Tucza: Plenary Session (HCC Ballroom B, C)	12:00-13:15 Panel 13:20-15:00 TU3 Oral Sessions 15:30-17:10 TU4 Oral Sessions PTUA: CMOS limeter-Wave MMIC, Real or Bubble? 13:20-15:00 TU3 Oral Sessions 15:30-17:10 TU4 Oral Sessions TU3A: Advances in RF Power Amplifier (HCC 312) TU4A: Adv Tech for Wireless Power Amp Effic and Linearity Enhancement (HCC 311) TU3B: Hybrids and Couplers I (HCC 312) TU4B: Hybrids and Couplers I (HCC 316) TU4B: Hybrids and Couplers I (HCC 316) TU3D: Microwave Photonic Links (HCC 316C) TU3D: Microwave Architectures (HCC 316A) TU4B: Hybrids and Systems for Comm and Instrumentation (HCC 316B) TU3E: EDigital Microwave Architectures (HCC 316A) TU4B: Hybrids and Couplers I (HCC 316A) TU4B: Hybrids and Couplers I (HCC 316A) TU3E: Microwave Photonic Links (HCC 316A) TU4B: Advanced Components for Wireless Systems (HCC 315) TU4F: Applied Frequency Domain Techniques (HCC 314) TU3G: Special: Microwave/Millimeter-Wave Activities in the Pacific Rim (HCC 317AB) Student Haper Competition (Ballroom A) 14:00-16:00 TU40: Gover Amplifier Competition (Ballroom A) 14:00-16:00	18:00–20:00 Hilton Village Green Student Reception 19:00–21:00 Hilton Kalia Tower Pool MTT-17 Anniversary	n the Wall Lunch Tour 09:45–14:00 -Day Big Island and Voicano Tour 06:00–20:00 Hospitality Suite 07:00–12:00	Par Thurst Tec Int Par Steerin Techni MTT-
08:00-09:40 WE1 Oral Sessions 10:10-11:50 WE2 Oral Sessions WE11: Pwr Charac and Perform Enhncement Techforfill Vand SiDevices (HCC311) WE22A: Low Noise CMOS and Low Power HETEChonell Vand SiDevices (HCC311) WE11: Innovative Active Circuits Operating Above 100 GHz (HCC312) WE28: Modules and Chipsets for mm- Wate Commercial Applications (HCC312) WE11: Innovative Design and Construction of RF MEMS Switches (HCC313A) WE20: RF MEMS Tunable Circuits (HCC316B) WE11: Special Session: A Tribute to and Presence Detection (HCC316A) WE21: Sensors and Sensor Systems (HCC314) WE11: Power Dividers and Combiners (HCC314) WE22: Nonlinear Transistor Modeling (HCC314) WE12: Interactive Forum (Ballroom A) 09:30-11:30	00 • MicroApps 12:00-16:00 • RFIC Symposium 08:00-17:10 • RFIC Interactive Forum 14:00-17:00 12:00-13:15 Panel 13:20-15:00 WE3 Oral Sessions PWA: Is GaN Ready for Prime Time? (HCC 313C) ME3A: Focused Session: Advances in GaN Technology (HCC 311) 15:30-17:10 WE4 Oral Sessions PWB: Will RF- MEMS Make the Commercial Leap? (HCC 313C) WE3A: Focused Session: Microwave and mm- WE3E: Wideband Perroelectric components (HCC 313A) WE4A: X-Band and Millimeter-Wave Devices and Power Amplifiers (HCC 311) PWB: Will RF- Commercial Leap? (HCC 316A) WE3C: Ferrite and Ferroelectric components (HCC 313A) WE4B: Novel Signal Generation Techniques and Applications (HCC 312) PWE: Grant Opportunities atthe oundation (HCC 317A) WE3E: Wideband Planar Filters Support of Societal Security (HCC 315) WE4F: Focused Session: Microwave Sys for Deep Space Missions (HCC 315) WE4F: Focused Session: Microwaves Sys for Deep Space Missions (HCC 314) WE4F: Focused Session Advances Sys for Deep Space Missions (HCC 315) WE46: Note in the Net Meter Forum (Balloom A) 14:00-16:00 WE47: Coult Analysis and System Simulation (HCC 314)	Hilton Mid-Pacific Di Conference Ctr Coral 3 10:00 MTT-S Awards Banquet 19:30–22:00 Su Hilton Mid-Pacific Conference Ctr Coral 4	Shangri-La: The Jlu Estate of Miss Doris uke 07:30-11:30, ea Life Park Luau 17:05-21:30 Hospitality Suite 07:00-12:00	Future MTT- RFICTech Chairs ² Plenary Techni Comm
08:00-09:40 TH1 Oral Sessions 10:10-11:50 TH2 Oral Sessions TH1A: High Power Amplifiers I TH2A: Power Amplifier Linearization (HCC 311) TH1B: Nonplanar Filters and Multiplexers PTHA: Career Development: Giving Your Career a Never-Ending Boost (HCC 317A)	17:00 • Historical Exhibit 09:00–17:00 • MicroApps 09:20–17:00 12:00–13:15 Panel 13:20–15:00 TH3 Oral Sessions THB: THz Electronics for the 21% (entury (HCC 313C) 13:20–15:00 TH3 Oral Sessions 15:30–17:10 TH4 Oral Sessions TH3: High Power Amplifiers II (HCC 313C) 13:20–15:00 TH3 Oral Sessions 15:40–17:10 TH4 Oral Sessions TH3: High Power Amplifiers II (HCC 313C) TH3: High Reconfigurable and Active Filters 15:40–17:10 TH4 Oral Sessions TH3: Seconfigurable and Active Filters Signeening (HCC 3160) TH3: Novel Radiation and Prop Effects on Waveguiding Structures (HCC 316A) TH4D: Novel Meatanaterial Elements: Their On Waveguiding Structures (HCC 316A) Student Awards Luncheon (HCC Ballroom C) TH3: Smart Antenna Technologies and Applications (HCC 315) TH4E: Special: Submillimeter Wave Radio Astronomy and Mauna Kea (HCC 316A) TH3: Simart Antenna Technologies and Applications (HCC 315) TH4E: New Developments in TH3: Intractive Passive Components (HCC 314) TH42: New Developments in TH42: New Developments in Th43: Oracle 20: 13:00 TH42: New Developments in Th43: New Developments in Th44: New Developments in Th45: New Developments in Th45: New Developments in Th46: New Developme	Sheraton Diamond Head Lawn MTT-S GOLD Luau 18:00–21:00 Royal Hawaiian Hotel Ocean Lawn	rand Circle Island 08:15–17:30 cal Ocean Fun Cruise 08:25–13:00 Hospitality Suite 07:00–12:00	ARFTG Techni Chair's Techni Workshop Sunday Monda Friday Exhibition
 8:00 Full-Day and Morning Workshops and Short Courses WFA: Reconfigurable and Smart Antennas WFB: Recent Advances in Electromagnetic Metamaterials: Theory, Computation, and WFC: Low-Cost, Integrated Automotive and Industrial Radar Sensors WFD: Advances in Imaging Radar Technology WFD: Advances in Imaging Radar Technology WFD: Advances in Imaging Radar Technology WFD: Mireless Local Positioning WFI: GaN Device and Circuit Reliability TFA: Microwave and Millimeter-Wave Packaging and Manufacturing 202 TFC: Nanoelectronic Devices: RF Characterization, Modeling, and Applications CFA: Applications of Artificial Neural Networks to RF and Microwave Design CFB: Time-Domain Electromagnetic Simulators CFC: RF Linear Accelerators CFO: LTCC for Micro- and Millimeter-Wave Applications 	13:00 Afternoon Workshops	Star S	esian Cultural Center 12:05–22:15 Sunset Dinner Cruise 16:30–20:00 Hospitality Suite 07:00–12:00	Comm Histori Micro Social Eve Social Hospit For question at programb
Saturday		G Ka	IMS 2007 GolfTournament o Olina Golf Club 11:00–21:15	1 0

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