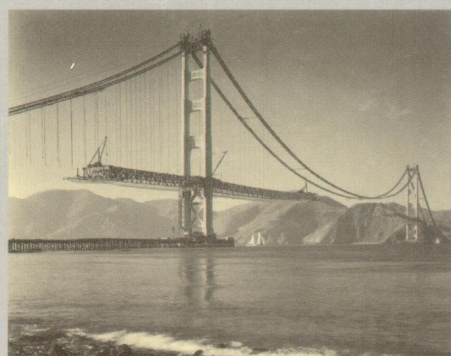


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# INTERNATIONAL MICROWAVE SYMPOSIUM DIGEST



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# 1996 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM — SCHEDULE OF EVENTS

SUNDAY, JUNE 16		WORKSHOP REGISTRATION		7:00 TO 9:00 AM		LOWER LOBBY MOSCONE CONVENTION CENTER (MCC)					
		IMS REGISTRATION		5:00 TO 9:00 PM		MCC LOBBY					
		MMWMC RECEPTION		7:00 PM TO 10:00 PM		HILTON HOTEL, IMPERIAL					
8:00 AM-5:00 PM		WSFA	Digital Cellular Telephones	MCC Rm. 123/120	WSFB	Application of Wavelets to Electromagnetics	MCC, Rm. 124				
1:00 PM-5:00 PM		WSHC	Microwave Photonic Systems	MCC, Rm. 125							
MONDAY, JUNE 17		REGISTRATION		7:00 AM TO 5:00 PM		MCC					
		WMFA	Nonlinear CAD	MCC, Rm. 130	WMFE	Accurate On-wafer Measurements	MCC, Rm. 122				
		WMFB	EM Wave Interaction	MCC, Rm. 120	WMFF	Nonlinear RF and MW Characterization	MCC, Rm. 132				
		WMFC	Device Field Interaction	MCC, Rm. 121	WMFG	Multilayer MW Circuits	MCC, Rm. 133				
		WMFD	Digital Wireless Communications	MCC, Rm. 131							
		WMHH	MW/mm-wave Modules	MCC, Rm. 123	WMHJ	Ferrite CAD and Applications	MCC, Rm. 125				
		WMHI	Propagation in Urban Areas	MCC, Rm. 124							
		PMOA	Low Voltage Low Power Consumption RFICs			MCC, Rm. 102					
		WMHK	Wireless Power Transmission	MCC, Rm. 123	WMHM	Technology for Base Stations	MCC, Rm. 125				
		WMHL	Active Aperture/TR Modules	MCC, Rm. 124							
		MMWMC SYMPOSIUM		8:30 AM TO 5:00 PM		MCC, Rm. 103, 134/135					
		MICROWAVE JOURNAL/MTT-S		6:00 PM TO 8:30 PM		HYDE STREET PIER					
		TUESDAY, JUNE 18		REGISTRATION		7:00 AM TO 5:00 PM		MCC			
MMWMC SYMPOSIUM				8:00 AM TO 5:50 PM		MCC					
EXHIBITION AND MICROWAVE APPLICATION & PRODUCT SEMINARS				9:00 AM TO 5:00 PM		MCC					
RM 135				RM 132		RM 133		RM 134		RM 130	
TU1A: Low Noise mm-wave MMICs				TU1B: Automotive Applications of Microwave and mm-wave		TU1C: High Power Sources and Control Components		TU1D: Hybrid MCM Techniques & Applications		TU1E: Nonreciprocal Ferrite & Semiconductor Devices	
TU2A: Plenary Session										MCC, Rm. 102/103/104	
PTUB: Design Issues for Silicon Based RF/Microwave ICs										MCC, Rm. 120/123	
PTUC: System Applications of mm-wave ICs—When?										MCC, Rm. 121/124	
TU3A: Large Signal Generation & Amplification				TU3B: New Guiding & Radiative Effects on Planar Circuits		TU3C: Frequency Domain Modeling of Microwave Structures		TU3D: Historical Perspectives on Microwaves in San Francisco Bay Area		TU3E: Packaging & Interconnect Technologies	
TU4A: System Components				TU4B: Waves Interactions		TU4C: Intelligent Transportation Systems		TU4D: Modern Concepts in Microwave Field Theory		TU4E: mm-wave and sub-mm-wave Receivers	
RTUA: Commercial MW Product Development: Business Issues										Hilton Hotel, Franciscan D	
WEDNESDAY, JUNE 19				REGISTRATION		7:00 AM TO 5:00 PM		MCC			
				EXHIBITION AND MICROWAVE APPLICATION & PRODUCT SEMINARS		9:00 AM TO 5:00 PM		MCC			
		WE1A: Low loss Acoustic Filters		WE1B: TLM Modeling of Microwave Structures		WE1C: Filters I		WE1D: Microwave/mm-wave/Optical Applications in PCS		WE1E: mm-wave Systems & Components	
		Student Paper Competition								MCC, Rm. 125	
		WE2A: Power Amps, Wireless Amps		WE2B: Time Domain Techniques		WE2C: Filters II		WE2D: Personal Communications via Satellites		WE2E: Control and Frequency Translation	
		PWED: Effective CAD: A Dilemma of Models								MCC 120/123	
		Student Paper Competition								MCC, Rm. 125	
		WE3A: Power Amplifier Technology		WE3B: Integral Equation Based Numerical Analysis		WE3C: CAD Methodology		WE3D: Wireless Technology		WE3E: Power Dividers & Couplers	
		Open Forum								MCC, Rm. 102/103	
		WE4A: Biological Effects		WE4B: Quasi-optical Amps and Systems		WE4C: Micromachining for MW and mm-wave Applications		WE4D: Commercial & Space MW System Applications		WE4E: Passive Components Technology	
		INDUSTRY-HOSTED COCKTAIL RECEPTION		6:00 PM TO 7:30 PM				HILTON HOTEL, GRAND BALLROOM B			
		MTT-S AWARDS BANQUET		7:45 PM TO 10:15 PM				HILTON HOTEL, GRAND BALLROOM A			
		THURSDAY, JUNE 20		REGISTRATION		7:00 AM TO 5:00 PM		MCC			
EXHIBITION				9:00 AM TO 3:00 PM		MCC					
TH1A: Low Noise Devices & Circuits				TH1B: Quasi-optical Modulators & Oscillators		TH1C: Mario Maury Memorial Session		TH1D: High Speed Lightwave Comm. Systems		TH1E: Linear Device Modeling	
TH2A: Progress in High Speed Digital Applications				TH2B: Nonlinear Modeling & Analysis		TH2C: Scattering Parameter & Dielectric Measurements		TH2D: Microwave Photonic Devices		TH2E: CAD Techniques using Field Theory	
PTHE: Solderless Interconnects for Microwave Modules										MCC, Rm. 120/123	
TH3A: Superconductor Microwave Technology				TH3B: Sources		TH3C: Mapping of Fields & Waves in IC Structures		TH3D: Microwave Photonic Systems		TH3E: Phased Arrays	
Open Forum										MCC, Rm. 102/103	
				TH4B: Chaos in Microwave Systems							
FRIDAY, JUNE 21				ARFTG CONFERENCE		8:30 AM TO 5:00 PM		MCC, Rm. 220/226			
				ARFTG EXHIBITION				MCC, Rm. 200/212			
				WFFA: Dielectric Resonators		MCC, Rm. 130	WFFF: Everything You Wanted to Know about Noise	MCC, Rm. 132			
				WFFC: The Role of Superconductors		MCC, Rm. 125	WFFG: Wireless LAN — What's Next?	MCC, Rm. 133			
				WFFD: Technology for Intelligent Vehicles		MCC, Rm. 131	WFFH: Global EM Simulators	MCC, Rm. 122			
		WFFE: Photonics for MW Antenna		MCC, Rm. 124	WFFI: Statistical Based Design Techniques	MCC, Rm. 123					
		WFFB: Mixer Design for MW & mm-wave		MCC, Rm. 120							
		WFFJ: Design Oriented MW Education		MCC, Rm. 121							