

2023 IEEE Radio & Wireless Week



22-25 January 2023 • Las Vegas, NV USA • Planet Hollywood Hotel
www.radiowirelessweek.org



Sunday, 22 January 2023

	Room: Melrose 1&2	Room: Melrose 3	Room: Melrose 4	Room: Wilshire A&B	Room: Sunset 5&6
8:00 AM					ARFTG/NIST Short Course
11:50 AM					Lunch Break
1:30 PM	Workshop #1: RF and mmW Devices, Circuits and Systems for Low Earth Orbit Satellite Missions	Workshop #2: Radar-based Vital Sign Sensing – the Latest Trends	Workshop #3: Hands-On Workshop: D-Band FMCW Radar – Basics and Signal Processing	Workshop #4: Health Aspects of Millimeter-Wave Radiations in 5G and Beyond	ARFTG/NIST Short Course continued
6:30 PM	Women in Microwaves Event				

Monday, 23 January 2023

Monday, 23 January 2023								
	Room: Melrose 1&2	Room: Melrose 3	Room: Melrose 4	Room: Celebrity 5	Room: Sunset 5&6	Room: Wilshire A&B	Exhibit Hall: Celebrity Ballroom	
8:00 AM	Mo1A: Communication Systems	Mo1B: Characterization and modelling	Mo1C: Frequency Converters and Systems	Mo1D: DML Session I	ARFTG/NIST Short Course continued	ARFTG NVNA Users Forum 9am-10:30am		
9:40 AM	Coffee Break							
10:10 AM	Mo2A: 5G and THz communication: components and circuits	Mo2B: Power amplifiers solutions for communication systems	Mo2C: Millimeter-wave Systems	Mo2D: DML Session II	ARFTG/NIST Short Course continued	ARFTG On-Wafer Users Forum 10:30am-12:00pm		
11:50 AM	Lunch Break (on own)							
1:30 PM	Mo3A: Biomedical Application of Microwaves	Mo3B: Linearization and Efficiency Enhancement Techniques	Mo3C: Oscillators and Dividers	ARFTG Session I: On-wafer Measurements ARFTG Business Meeting	STUDENT ELEVATOR PITCHES		RWW/ARFTG Exhibition Student Competition RWW Student Poster Competition	
3:10 PM	Coffee Break							
3:40 PM	Mo4A: Radar Signal Processing and Channel Estimation	Mo4B: PAWR Late News	Mo4C: Device Modeling	ARFTG Session II: Nonlinear Measurements				
5:30 PM	RWW/ARFTG Reception in Exhibit Area							
6:30 PM				PAWR/ARFTG Joint Panel				

Session Color Key	RWS	SiRF	PAWR	WiSNet	SHaRC	ARFTG Conference
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Tuesday, 24 January 2023

Tuesday, 24 January 2023					
	Room: Melrose 1&2	Room: Melrose 3	Room: Melrose 4	Room: Celebrity 5	Exhibit Hall: Celebrity Ballroom
8:00 AM	Tu1A: Advanced Tunable Sources and Filters	Tu1B: RF Frontend Technologies	Tu1C: Semiconductor Device Technologies and Integration	ARFTG Session III: Noise and Linear Measurements	RWW/ARFTG Exhibit
9:40 AM	Coffee Break				
10:10 AM	Plenary Session (Joint RWW/ARFTG) Celebrity 1 - 3				
11:50 AM	Lunch Break (on own)				
1:30 PM		Short Course: "Power Amplifier Characterization/Automat ion for Digital Predistortion (DPD) Metrics and Algorithm Validations"	Tu2C: Millimeter-wave and sub-Terahertz Circuits	ARFTG Session V: Modulated-Signal Measurements	Joint RWW/ARFTG Interactive Forum
3:10 PM	Coffee Break in Exhibit Hall				
3:40 PM	Tu3A: Filters and Power Dividers	Tu3B: Wireless Communication Systems	Tu3C: Integrated Photonics and Photonic Electronic Circuits	ARFTG Session VI: OTA Measurements	RWW/ARFTG Exhibit
5:30 PM		MTT Space Night & Panel Session on Beamforming Solutions for Terrestrial and Space Applications			

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Wednesday, 25 January 2023

	Room: Melrose 1&2	Room: Melrose 3	Room: Melrose 4	Room: Celebrity 5
8:00 AM	We1A: Advanced Passive Components and Packaging Methods	We1B: RF-millimeter-wave sensing systems	We1C: Systems, Hardware, and Electronics for Space	ARFTG Workshop "Emerging Millimeter-wave & THz Measurement for 6G Communication"
9:40 AM	Coffee Break			
10:10 AM	We2A: Wideband & Tunable mmWave Antennas	We2B: Wireless Sensors Circuits & System	We2C: Mission Concepts, Operations, Regulation, and Standardization	ARFTG Workshop "Emerging Millimeter-wave & THz Measurement for 6G Communication" continued
11:50 AM	Lunch Break (on own)			
1:30 PM	Short Course: "Linearization of Power Amplifiers used in Radio Frequency (RF) Transmitters"	We3B: Hardware technologies for radar systems	lot Session #1	1:00PM - 4:00PM Young Professionals Hands-On Workshop: AI for Wireless/RF Communications
3:10 PM	Coffee Break			
3:40 PM	Short Course: "Wave-Matter Interaction at Millimeter-Wave Frequencies"	We4B: Radar Systems & Software Defined Radios	lot Session #2	Young Professionals Hands-On Workshop continued

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