

Programme for the 14th European Conference on Antennas and Propagation (EuCAP 2020) (ver. 21 Feb 2020)

Time	Rooms														
	A2	A3	B1	B2	B4	B5	B6	B7	B8	B9	B10	B11	B3	TBD	see below
Mon, 16 March															
09:00-10:00	OC: Opening Ceremony														
10:00-10:40	IK 01: Keynote 1														
10:40-11:10	Coffee Break (Exhibition Hall)														
11:10-11:50	IK 02: Keynote 2														
11:50-12:30	IK 03: Keynote 3														
12:30-13:30	Lunch (Exhibition Hall)														
13:30-15:30	CS02: Advanced Antenna Arrays for 5G and Beyond	T02-P09: Propagation Channels for Wide-Sense Vehicle-to-X Communications	SW04: COST Session CA18223 (SyMat): Periodic Structures with Higher Symmetries	CS21: Challenges in Leaky Wave Antennas and Novel Approaches to Solve Them	T07-A: Antenna theory and system design	T08-A17: Antennas and techniques for positioning and direction finding	T05-A12/1: Wearable and implantable antennas	CS05: AMTA Session: Automotive Antenna Measurements and Testing	T09-A09: Millimetre wave lens antennas for space applications	CS64: Trends and Advances in Machine Learning for Applied Electromagnetics	CS24: Controlling EM Waves with Low- and High-Dimensional Metamaterials	T11-E08: Metamaterials, metasurfaces and advanced materials	IW05: Frontline of 5G workshop: Insights on 5G antenna & propagation R&D from Sony and regional partners (Sony)		
15:30-16:00	Coffee Break (Exhibition Hall)														
16:00-18:00	T02-A04/1: Millimetre wave arrays for mobile communications	T02-P09: (cont'd)	SW04: (cont'd)	T04-A08: IoT antennas	T07-A17: Multiband, wideband and array antennas	T08-A17: (cont'd)	T05-A12/1: (cont'd)	T06-M03: Near-field, far-field, compact and RCS range measurement techniques	T05-E05: Microwave imaging	CS43: Near- and Far-Field Wireless Power Transfer	CS24: (cont'd)	T11-E08: (cont'd)	IW01: Key Advantages of Combining Measurements and Simulations for Antenna Applications (MVG)		
Tue, 17 March															
08:30-10:10	T02-A04/2: Millimetre wave arrays for mobile terminals	CS35: IET/IRACON Session: Propagation Measurements and Modelling for 5G and Beyond	CS38: ISAP Session: Recent Advances in Asian Antennas and Propagation Research	CS16: Antennas in IoT Wireless Devices: Modelling and Industrial Considerations	T11-M02: Radar scattering measurement and calibration techniques	CS01: Active Antennas for Onboard Space Applications	CS60: Sensors and Systems for Microwave Biomedical Imaging and Sensing	SW02: COST Session CA17115 (MyWAVE): Developments in Electromagnetic-Based Medical Technologies	T09-P08: Satellite propagation	CS09: Analytical and Numerical Methods for Metasurface Analysis and Design	CS39: Machine Learning in Antennas	BC/1: History of Electromagnetism 1	SW08: Challenges of Modern Material Measurements		EurAAP 5: WG Active Array Antennas (8:30-10:10, Room: TBD)
10:10-10:40	Coffee Break (Exhibition Hall)														
10:40-12:20	T02-A04/2: (cont'd)	CS35: (cont'd)	CS38: (cont'd)	CS16: (cont'd)	T10-M10: General Antenna Measurements	CS01: (cont'd)	CS60: (cont'd)	SW02: (cont'd)	T09-P08: (cont'd)	CS09: (cont'd)	CS39: (cont'd)	T10-E03/1: Computational and numerical techniques 1	SW08: (cont'd)	IW08: From 5G Research to Real Deployments: Industrial Experiences and Challenges (Ericsson AB)	
12:20-13:20	Lunch (Exhibition Hall)														
13:20-14:50	Convened Poster Sessions 1: Room A2 (Poster Area)						Regular Poster Sessions 1: Exhibition Hall								

	CS08: Analysis, Design and Use of Microwave Techniques, Models, Systems, and Antennas for Snowpack Avalanches Monitoring CS10: Antenna Array and Integrated Systems for 5G Communication Applications CS17: Antennas with Multi-Port/Distributed Feeding and On-Antenna Power-Combining for Efficient Integration and Reconfigurability CS18: Applications of mm-Wave Gap Waveguide Technology-I CS19: Applications of mm-Wave Gap Waveguide Technology-II CS27: Electromagnetics in MRI Applications CS57: Recent Research on Wind Turbines: EM Modelling and Measurements						A07: Dielectric resonator antennas A09: Propagation experimental methods and campaigns A17: Array antennas, antenna systems and architectures (incl. radomes) A18: Reflector, feed systems, and components A19: Reflect arrays and transmit arrays A22: MIMO, diversity, smart antennas & signal processing				M01: Material characterisation and non-destructive testing M03: Near-field, far-field, compact and RCS range measurement techniques M04: Data acquisition, imaging algorithms and processing methods P02: Propagation modelling and simulation P03: Channel sounding and parameter estimation techniques P04: Propagation experimental methods and campaigns			EurAAP 1: WG Measurements + AMTA Europe (12:50-14:50, Room: TBD), EurAAP 2: WG Small Antennas (12:40-14:00, Room: TBD), EurAAP 3: WG Software and modelling (13:20-14:50, Room: TBD)	
14:50-15:30	IS-Tue 1/1: Invited Speaker Session	IS-Tue 2/1: Invited Speaker Session													
15:30-16:10	IS-Tue 1/2: Invited Speaker Session	IS-Tue 2/2: Invited Speaker Session													
16:10-16:40	Coffee Break (Exhibition Hall)														
16:40-18:20	T04-A20: Wireless power transfer and inductive coupling	CS56: Recent Advances on Electronically Steerable Antenna Arrays at mm-Wave Frequencies	CS58: Reconfigurable Antennas for Compact Devices	T04-A15: RFID and backscattering antennas	CS67: Water-Based Microwave Devices	CS28: EuMA/EurAAP Session: From Radiating Section to Digital Interface - Research and Design Trends for an End-To-End Approach of Highly Integrated Active Antenna Systems	SW01: COST Session CA15104 (IRACON): Measurements and Simulations in Channel Modelling in Wireless Body Area Networks	CS03: Advanced Radar Measurements, Modelling and System Solutions for Vehicular Applications	CS15: Antennas for Radio Astronomy	CS32: High-Frequency Methods and Applications	T11-P02/1: Channel Modelling for Massive MIMO and Near-Field Communication Systems	T10-E03/2: Computational and numerical techniques 2	IW04: CTG Workshop on Advances in Antenna Measurements (Antenna Systems Solutions S.L.)	IW10: Sophisticated Antenna Development for Modern Hearing Aids (WS Audiology)	
Wed, 18 March															
08:30-10:10	T09-A19: Reflect arrays and transmit arrays	CS06: AMTA/IRACON Session: Over-The-Air Testing of 5G Radios	CS45: New Perspectives and Applications of Characteristic Mode Analysis in Antenna Design	CS62: Small Antenna in a Human Body Environment	CS26: Education in Electromagnetics, Antennas, and Microwaves	CS47: Non-Magnetic Nonreciprocity	SW03: COST Session CA17115 (MyWAVE): Supporting Medical Device Development via Dielectric and Thermal Tissue Characterization	T06-A17: Automotive antennas	CS55: Recent Advances in Terahertz Antennas for Radio-Astronomy and Space Exploration	CS66: Unconventional Techniques and Applications for Inverse Scattering Problems	T11-P02/2: Machine Learning in Radio Propagation	BC/2: History of Electromagnetism 2	IW06: Active Impedance Assessment and Beamforming Optimization for mm-Wave Antenna Arrays (Optenni Ltd)	IW09: 5G antenna array design and integration simulation (ANSYS)	
10:10-10:40	Coffee Break (Exhibition Hall)														
10:40-12:20	T09-A19: (cont'd)	CS06: (cont'd)	CS45: (cont'd)	CS62: (cont'd)	CS26: (cont'd)	CS47: (cont'd)	SW03: (cont'd)	T06-A17: (cont'd)	CS55: (cont'd)	CS66: (cont'd)	T11-P04: Experimental methods and campaigns	T06-M10: UAV-Based Antenna Measurements (AMTA)	IW02: Analysis and Design of Advanced Antenna Systems using TICRA Tools (TICRA)	IW07: State-of-the-art in Antenna System Simulation with CST Studio Suite (Dassault Systèmes)	

12:20-13:20	Lunch (Exhibition Hall)														
13:20-14:50	Convened Poster Sessions 2: Room A2 (Poster Area)						Regular Poster Sessions 2: Exhibition Hall								
	CS14: Antennas for Harsh Environment CS29: Exotic Antennas from Nano to Macro Scales CS36: Innovative Lens Antennas for Future Communication Systems CS41: Metasurfaces for Mobile (5G and Beyond) and Satellite Communication Systems CS50: Novel Wave Phenomena in Metamaterials and Metasurfaces Applied to Antennas and Propagation CS61: Signal Processing Techniques for Advanced Electromagnetics Synthesis, Analysis, and Measurements						A01: Antenna theory A02: Antenna interactions and coupling A04: Mm-, sub-mm-wave, and nano-optical antennas A08: Electrically small antennas A10: Slotted-waveguide and leaky-wave antennas E02: EM theory and analytical techniques E03: Computational and numerical techniques E04: Optimisation methods in EM				E05: Imaging and inverse scattering E06: Scattering and diffraction E07: Frequency and polarization selective surfaces P05: Mm-wave and UWB propagation P09: Propagation for vehicular communications P10: Propagation in biological tissues and body-area propagation P12: Radar, localisation, and sensing P13: Radio science and remote sensing				
14:50-15:30	IS-Wed 1/1: <i>Invited Speaker Session</i>	IS-Wed 2/1: <i>Invited Speaker Session</i>													
15:30-16:00	Coffee Break (Exhibition Hall)														
16:00-16:40	IS-Wed 1/2: <i>Invited Speaker Session</i>	IS-Wed 2/2: <i>Invited Speaker Session</i>													ESoA: ESoA Meeting
16:40-17:45															
17:45-18:00	Conference Dinner (Wallmans)														
18:00-23:59															
Thu, 19 March															
08:30-10:10	T01-A11: <i>Multiband and wideband antennas</i>	CS34: <i>IET/AMTA Session: Test and Measurement Challenges for 5G and Beyond</i>	T02-P02: <i>Millimetre wave propagation modelling</i>	CS46: <i>New Trends in Leaky Wave Antennas</i>	CS44: <i>Near-Field Focusing and Pulse Generation Through Localized Waves</i>	CS25: <i>Convergence of Mobile Radio and Radar</i>	T05-A12/2: <i>Point of Care Microwave Sensors</i>	T06-P09: <i>Propagation for Unmanned Aerial Vehicles (UAVs)</i>	CS30: <i>Fundamental Challenges and Novel Methodologies in the Next-Generation Computational Electromagnetics</i>	T10-E05/1: <i>Electromagnetic Methods for Direct and Inverse Scattering Involving Stratified Media</i>	CS07: <i>AMTA/EurAAP Session: Post Processing Techniques in Antenna Measurements</i>	BC/3: <i>History of Electromagnetism 3</i>	SW07: <i>H2020 Project ACASIAS (GA N° 723167) - Antennas for Integration into aircraft structure</i>	IW03: <i>Efficiently Simulating and Optimising Antenna Placement in Virtual Test Scenarios (Altair)</i>	
10:10-10:40	Coffee Break (Exhibition Hall)														
10:40-12:20	T01-A02: <i>Terminal antennas and interactions with surroundings</i>	CS34: <i>(cont'd)</i>	T01-P02: <i>Propagation modelling and simulation</i>	CS46: <i>(cont'd)</i>	CS44: <i>(cont'd)</i>	CS25: <i>(cont'd)</i>	T05-A12/2: <i>(cont'd)</i>	T11-P10: <i>Propagation in biological tissues</i>	CS30: <i>(cont'd)</i>	T10-E05/1: <i>(cont'd)</i>	CS07: <i>(cont'd)</i>	T11-E01: <i>EM Theory</i>	SW07: <i>(cont'd)</i>		
12:20-13:20	Lunch (Exhibition Hall)														
13:20-14:50	Poster Awards Session: Room A2 (Poster Area)						Regular Poster Sessions 3: Exhibition Hall								
	Poster_Awards						A06: Conformal antennas A11: Multiband and wideband antennas A12: Wearable and implantable antennas A13: Adaptive and reconfigurable antennas A14: Active and integrated antennas A15: RFID antennas/sensors and systems A16: UWB antennas and time-domain techniques				A20: Antennas for wireless power transmission and harvesting A21: Additive manufacturing A23: Other antenna topics E08: Metamaterials, metasurfaces and EBG M07: Satellite and aerospace antenna characterisation M09: MIMO and OTA testing M10: General antenna measurements M11: Other measurement topics				
14:50-15:30	IS-Thu 1/1: <i>Invited Speaker Session</i>	IS-Thu 2/1: <i>Invited Speaker Session</i>													
15:30-16:10	IS-Thu 1/2: <i>Invited Speaker Session</i>	IS-Thu 2/2: <i>Invited Speaker Session</i>													
16:10-16:40	Coffee Break (Exhibition Hall)														

16:40-18:00	CS42: <i>Nano and Quantum Antennas</i>	CS49: <i>Novel Techniques for Beam Manipulation at Millimeter</i>	T03-A11: <i>Antennas for WLAN Applications</i>	T02-A10: <i>Leaky-wave and Traveling-wave Antennas</i>	CS63: <i>State of the Art in Antenna Research in Russia</i>	CS31: <i>GNSS Antennas and Systems for Challenged RF Environment</i>	T05-A12/3: <i>Body area antennas and sensor systems</i>	T06-P12: <i>Radar, localisation and sensing for aircraft and automative applications</i>	T09-P13: <i>Propagation Aspects in Remote Sensing</i>	T10-E05/2: <i>Imaging and inverse scattering</i>	CS48: <i>Novel Antenna Measurement Data Analysis and Techniques</i>	SW05: <i>ESA Session: Selected Papers from the 40th ESA Workshop on Antenna Developments for Terrestrial and Small-Space Platforms</i>			EurAAP 4: <i>WG Propagation (18:00-20:00, Room: B8)</i>
18:00-18:20															
18:20-20:00															
Fri, 20 March															
08:30-10:10	T01-A22: <i>MIMO, diversity, smart antennas & signal processing</i>	CS37: <i>IRACON Spectrum Sharing: Challenges and Opportunities for 5G and Beyond</i>	CS33: <i>IET Session: New Antenna Systems Involving Application of Metamaterials and Metasurfaces</i>	T05-M06: <i>Dosimetry, exposure, and SAR assessment</i>	T11-E06: <i>Scattering and diffraction</i>	T11-M05: <i>EMI/EMC/PIM chambers, instrumentation, and measurements</i>	SW06: <i>H2020 Session ID764479 (EMERALD): Electromagnetic Imaging for a Novel Generation of Medical Devices</i>	T06-A11: <i>Aircraft antennas</i>	CS59: <i>Reconfigurable Reflectarray and Transmitarrays</i>	T10-P02: <i>Propagation modelling and simulation</i>	CS11: <i>Antenna Design and Fundamental Bounds with External Constraints</i>	CS20: <i>Assessment and Modeling of Antennas and Radio Channels Jointly</i>	SW09: <i>Integration challenges for low-cost mm-wave phased arrays</i>		
10:10-10:40	Coffee Break (Exhibition Hall)														
10:40-12:20	T01-A22: <i>(cont'd)</i>	CS37: <i>(cont'd)</i>	CS33: <i>(cont'd)</i>	T02-M08: <i>Mm-wave, THz, and quasi-optical antenna measurements</i>	T11-E06: <i>(cont'd)</i>	T11-M01: <i>Material characterisation and non-destructive testing</i>	SW06: <i>(cont'd)</i>	T06-A11: <i>(cont'd)</i>	CS59: <i>(cont'd)</i>	T10-P02: <i>(cont'd)</i>	CS11: <i>(cont'd)</i>	CS20: <i>(cont'd)</i>	SW09: <i>(cont'd)</i>		
12:30-13:30	CC: <i>Closing Ceremony</i>														