

Provisional conference programme

Monday 13 November 2017				
08:30	Registration and exhibition			
09:00	Welcome to the conference Conference Chairs: Costas Constantinou, University of Birmingham, UK and Enrica Martini, University of Siena, Italy			
09:10	Invited Speakers Session 1 Modelling and Design of Millimeter and Terahertz Antennas			
	Keynote: Terahertz Antennas for Space-Borne Applications Goutam Chattopadhyay, Senior Research Scientist, NASA-Jet Propulsion Laboratory, California Institute of Technology, USA			
	Optimising the time and frequency transfer function of photoconductive THz antennas Lluís Jofre, Professor, Universitat Politècnica de Catalunya (UPC), Barcelona, Spain			
	Advanced Antenna Architectures on THz Sensing Systems Andrea Neto, Head of the THz Sensing Group, Technical University of Delft, The Netherlands			
10:40	Refreshments, exhibition and Poster Session 1			
	Antennas and Propagation Best Papers	Antennas and Propagation Best Student Papers	Array Antennas 1	Advanced Materials 1
12:30	Lunch and exhibition			
14:00	Invited Speakers Session 2 Fabrication Technology and Materials For Antennas			
	Printed Graphene Antennas: Near and Far (Field) Zhirun Hu, Senior Lecturer, National Graphene Institute, The University of Manchester, UK			
	Meta-Atoms for 3D Printing Metamaterials Darren Cadman, Project Engineer, Loughborough University, UK			
	Liquid Antennas for Radio Communications and Radar Applications Yi Huang, Professor Electrical Engineering and Electronics, University of Liverpool, UK			
15:30	Refreshments, exhibition and Poster Session 2			
	Biomedical Applications and Wearable Antennas	Communication and Sensing	Antennas and RF Circuits	Propagation 1
17:30	End of sessions			
18:45	Drinks reception			
20:00	Conference Dinner and awards presentations			
22:00	Carriages			

Tuesday 14 November 2017	
09:00	Registration and exhibition
09:15	Invited Speakers Session 3 Trans-ionospheric propagation
	Keynote: Ionospheric Measurement, Modelling and Simulation for Future Wideband UHF Satcoms Matthew Angling, DSTL/RAEng Chair in Space Environment and Radio Engineering, University of

	Birmingham, UK			
	Synthesis of real-world ionospheric effects on GPS for resilient PNT testing Talini Pinto Jayawardena, KTP Associate, Spirent Communications, University of Bath, UK			
	Impact and Mitigation of Ionospheric Scintillation Effects on GNSS Receiver Performance Marcio Aquino, Associate Professor, University of Nottingham, UK			
10:45	Refreshments, exhibition and Poster Session 3			
	Antenna Measurements and Design	Millimetre and Sub-millimetre Antennas	Array Antennas 2	Advanced Materials 2
12:30	Lunch and exhibition			
14:00	Invited Speakers Session 4 Industry Developments			
	The Alarm™ radar antenna design and antenna data processing challenges Steven Harman, Fellow, Radar & Electronic Warfare, QinetiQ, UK			
	Practical applications of small antennas in hardware platforms Brian Collins, Director, BSC Associates Ltd., UK			
15:30	Refreshments, exhibition and Poster Session 4			
	Biomedical Applications and Electrically Small Antennas	Propagation 2	Multiband and Wideband Antennas	Reconfigurable Antennas
17:00	Close of conference			