

Day 1: 19<sup>th</sup> November

Time	Lomond	Hall 1	Alsh 1	Alsh 2	Boisdale 1	Boisdale 2	Hall 2
10:00 - 11:00							<b>Registration</b> poster setup
11:00 - 11:10	<b>Opening</b> Phil Sparrow						
11:10 - 11:45	<b>Keynote</b> Roger McKinlay: <i>The Electromagnetic Environment in a Post Quantum World</i>						
11:45 - 12:00	Break + Room change						
12:00 - 13:00	<b>Technical Talks: Future Antennas</b> Marcus Walden: <i>An Efficient, Electrically Small, Multiple-Tuned Antenna for HF</i>  Tak 2 TBC	<b>Panel Discussion</b> Future of spectrum sharing	<b>Workshop</b> Space: Dual use	<b>Workshop</b> PhD Presentations	<b>Workshop</b> One to watch	<b>Workshop</b> Optical sensing for addressing MOD's Space Domain Awareness Requirements	<b>Poster session and sponsorship stands</b> (unattended)
13:00 - 14:00	-	-	-	-	-	-	Lunch
14:00 to 14:35	<b>Keynote</b> Sarah Connolly						
14:35 to 14:50	Break + Room change						
14:50 - 16:20	<b>Technical Talks: Enabling and exploiting on autonomous systems</b> Mark Hawkins: <i>Autonomy for RF comms and sensing - enablers and technical challenges</i> Chris Parry <i>Enabling Autonomy in the EW Battlespace with AI</i> Mark Dorn <i>Exploiting an autonomous drone swarm in a highly-contested environment</i>	<b>Panel Discussion</b> Resilient PNT	<b>Workshop</b> Towards EMSO - Operational Advantage and Challenges	<b>Workshop</b> Space Commander Wargame	<b>Workshop</b> IET - Integrate new antenna concepts with agile radio systems and agile networks	<b>Workshop</b> Use of the ionosphere, over the horizon Radar and Comms	<b>Poster session and sponsorship stands</b> (unattended)
16:20 - 16:40	Break + Room change						
16:40 - 17:00	Workshop & end of day wash-up						

Day 2: 20<sup>th</sup> November

Time	Lomond	Hall 1	Alsh 1	Alsh 2	Boisdale 1	Boisdale 2	Hall 2
09:00 – 09:30							Registration
09:30 - 09:40	Opening		-	-	-	-	-
09:40 - 10:15	<b>Keynote</b> Air Cdre Hugh Smith						
10:15 - 10:30	Break + Room change						
10:30 - 11:30	<b>Technical Talks: Electronic Systems</b> Edward Wasige: <i>Terahertz Wireless Links: State of the Art, Challenges and Opportunities</i> Merlyne De Souza: <i>Navigating Efficiency and Linearity in RF Power Amplifiers TBC</i>	<b>Panel Discussion</b> Quantum: How close are we to fielding?	<b>Workshop</b> PhD Presentations	<b>Workshop</b> Gaming for EW	<b>Workshop</b> Sensor Fusion & Management	<b>Workshop</b> Disaster Relief	<b>Poster session and sponsorship stands</b> (unattended)
11:30 - 11:40	Break + Room change						
11:40 - 12:20	<b>Lightning talks</b> by early career researchers						
12:20 - 13:00			-	-	-	-	<b>Poster session</b> (attended)
13:00 - 14:00	-	-	-	-	-	-	Lunch
14:00 - 14:35	<b>Keynote</b> Tim Watson: <i>Agility and Resilience in the EME</i>						
14:35 to 14:50	Break + Room change						
14:50 - 16:20	<b>Technical Talks: Space</b> Malcom Macdonald: <i>Next-Generation Space Operations</i> Cathryn Mitchell: <i>Space Weather Effects on Radio Systems</i> Simon Maskell: <i>Challenges and Opportunities in Algorithms for Space Surveillance</i>	<b>Panel Discussion</b> Developing SQEP	<b>Workshop</b> National Spectrum Centre	<b>Workshop</b> Everybody needs time: but to what accuracy?	<b>Workshop</b> Towards EMSO - Operational Advantage and Challenges	<b>Workshop</b> Understanding, communicating and managing uncertainty in the EME	<b>Poster session and sponsorship stands</b> (unattended)
16:20 - 16:40	Break + Room change						
16:40 - 17:00	Workshop & end of day wash-up						
17:00 - 18:30							<b>Drinks reception</b>

Day 3: 21<sup>st</sup> November

Time	Lomond	Hall 1	Alsh 1	Alsh 2	Boisdale 1	Boisdale 2	Hall 2
09:00 – 09:30							Registration
09:30 - 09:40	Opening						
09:40 - 10:15	<b>Keynote</b> Doug Paul: <i>Quantum enabled position navigation and timing</i>		-	-	-	-	-
10:15 - 10:30	Break + Room change						
10:30 - 12:00	<b>Technical Talks:</b> <b>AI-enhanced signal processing, decision making and assurance</b> Victoria Nockles: <i>AI vulnerabilities and deception for automated detection and classification in SAR images</i>  Gaetano Di Caterina: <i>Neuromorphic technologies for efficient spike processing</i>  James Hopgood: TBC	<b>Panel Discussion</b> Implications of Climate change including space weather	<b>Workshop</b> National Spectrum Centre	<b>Workshop</b> Everybody needs time: but to what accuracy?	<b>Workshop</b> Space Commander Wargame	<b>Workshop</b> PhD Presentations	<b>Poster Session and sponsorship stands</b> (unattended)
12:00 - 12:15	Break + Room change						
12:15 - 12:30	Workshop wash-up						
12:30 - 13:30	-	-	-	-	-	-	Lunch
13:30 - 14:30	<b>Technical Talks:</b> <b>Quantum sensing, timing and communications</b> Richard Claridge: <i>Quantum enhanced communications with Rydberg atoms – pros, cons and lessons learned</i>  Krishna Coimbatore Balram: <i>Towards efficient nanoscale interfaces for microwaves: light, sound and spins</i>	<b>Panel Discussion</b> Working with Dstl: Commercial and IP	<b>Workshop</b> Hybrid Architecture for Multi-mission space - backhaul challenges	<b>Workshop</b> Operating in the Future Electromagnetic Environment	<b>Workshop</b> PhD Presentations	<b>Workshop</b> Sensing, Processing, and AI for Defence and Security (SPADS)	-
14:30 - 14:40	Break + Room change						
14:40 - 15:00	Workshop & end of day wash-up						