



8th SU2P Symposium Programme

Day 1 Wednesday April 5th 2017

09.00	Tea/Coffee and registration	(exhibition)
09.30	Welcome Address & Intro	Steve McLaughlin Heriot Watt - Symposium Host
09.45	Energy & Environment Keynote 1	<i>Caroline Nichol - Edinburgh</i> <i>Multi spectral lidar for forest mapping: current capabilities and technological challenges</i>
10.15	Keynote 2	<i>Jenny Nelson - Imperial</i>
10.45	Q/A	Facilitator - Malte Gather - St Andrews
11.15	Tea/coffee (exhibition)	
11.45	Poster Presentations	Sponsored by SUPA
12.00	Healthcare & Medicine Keynote 3	<i>Lambertus Hesselink - Stanford</i> <i>A Novel Differential Phase Contrast X-Ray Imaging System with Applications in Medicine and Aviation Security</i>
12.30	Keynote 4	<i>Robert Henderson - Edinburgh</i> <i>CMOS sensors for photonic molecular fingerprinting of disease pathology</i>
13.00	Q/A	Facilitator - Ian Underwood – Edinburgh tbc
13.30	Lunch & Exhibition	
14.30	Poster presentations	Sponsored by SUPA
14.45	Student presentation 1	Sponsored by SUPA
15.00	Student presentation 2	Sponsored by SUPA
15.15	Q/A	Facilitator – Alan Miller SUPA
15.30	Tea/Coffee (exhibition)	
16.00	Communications & IT Keynote 5	<i>Sponsored by the KTN</i> <i>Tommaso Calarco - ULM</i> <i>From Quantum Science to Quantum Technologies</i>
16.30	Keynote 6	<i>Dieter Jaksch - Oxford</i> <i>Early Applications of First Generation Quantum Information Devices</i>
17.00	Q/A	Facilitator - Andrew Daley - Strathclyde
17.30	Poster Session & drinks	
18.30	Coach	Departs for Dalmahoy Hotel and Banquet

19.00	Symposium Banquet	Dalmahoy Hotel – <i>with after dinner keynote Harald Haas</i>
22.30	Coach	Coach returns to James Watt Conference Centre

Day 2 Thursday April 6th 2017

08.30	Tea/Coffee (exhibition)	
09.00	Introduction	<i>tbc</i>
09.10	Advanced Manufacturing Keynote 7	<i>Sponsored by the KTN</i> Bill O'Neill - Cambridge
09.40	Keynote 8	Chris Sutcliffe - Liverpool <i>Metal Additive Manufacturing a Future Production Mass Manufacturing Solution?</i>
10.10	Q/A	Facilitator - Duncan Hand - Heriot Watt
10.40	Tea/Coffee (exhibition)	
11.10	Student presentation 3	Sponsored by SUPA
11.25	Student presentation 4	Sponsored by SUPA
11.40	Student presentation 5	Sponsored by SUPA
11.55	Q/A	Facilitator – Alan Miller SUPA
12.15	Lunch & Exhibition	
13.30	Defence & Security Keynote 9	Peter Asenbaum - Stanford <i>Atoms as a non-local probe for gravity</i>
14.00	Keynote 10	Mike Holynski - Birmingham <i>Cold atom gravity gradiometry</i>
14.30	Q/A	Facilitators - Giles Hammond/Douglas Paul -Glasgow
15.00	Awards and Closing Remarks	Allister Ferguson - Strathclyde
15.30	Close	