

# EPSRC Impact Accelerator Account (IAA) Showcase & Exhibition

Medical and Biological Sciences Building, North Haugh, University of St Andrews

10.00	<b>Registration &amp; coffee</b>
10.30	<b>Welcome</b>
10.40	<b>EPSRC representative</b> , Dr Helen Niblock - <i>Future of IAA and Global Challenges</i>
	<b><u>Sensing &amp; electronics</u></b>
11.00	<i>Measurement of wavelength using laser speckle</i> <b>Prof. Kishan Dholakia</b> <b>Dr Graeme Malcolm, M Squared Lasers</b>
11.20	<i>High performance, low cost, antennas in the microwave to THz regime</i> <b>Dr Graham Smith</b> <b>Richard Wylde, Thomas Keating Ltd</b>
11.40	<i>An optical sensor platform for the detection of explosive remnants of war</i> <b>Dr Ross Gillanders</b>
11.50	<i>AquaCat: Using radar and machine learning for water pollutant detection</i> <b>Dr David Harris-Birtill</b>
12.00	<i>Millimetre wave cloud profiling radar development</i> <b>Dr Duncan Robertson</b>
	<b>Q &amp; A session</b>
12.30	<b>LUNCH – Poster session and networking</b>
	<b><u>Software development</u></b>
2.00	<i>SMART Spheres</i> <b>Dr Alan Miller</b> <b>Keith Millican, Smart History</b>
	<b><u>Health &amp; data analysis</u></b>
2.20	<i>MapMySmoke app</i> <b>Dr Tom Kelsey</b> <b>John Marston, GP; Kay Samson, NHS Fife</b>
2.40	<i>Novel drug tools for neglected diseases</i> <b>Dr Terry Smith</b>
2.50	<i>Public engagement with science</i> <b>Dr Mhairi Stewart</b>
3.00	<b>COFFEE and TEA</b>
	<b><u>Advanced Materials</u></b>
3.30	<i>Development of prototype MOF/polymer coatings for medical applications</i> <b>Dr Stewart Warrender</b>
	<b><u>Energy Materials Platform</u></b>
3.50	<i>Energy materials platform</i> <b>Dr Scott Lilley, John Irvine Group</b>
4.00	<i>Distributed energy – the case for geothermal</i> <b>Dr Tim Raub</b>
4.10	<b>Close – please stay for nibbles and a glass of wine in the main foyer</b>