



# INNOVATION FOR CHANGE

New drivers for tomorrow's forestry

INSTITUTE OF CHARTERED FORESTERS

National Conference

Edinburgh • 2 – 3 May 2018

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	<p><b>Wednesday 2 May</b></p> <p>Registration opens, Refreshments and Exhibition</p>
10.15	<p><b>Conference Opens/Housekeeping</b></p> <p><b>Chris Hamill, Chair</b></p>
	<p><b>ICF Conference Welcome</b></p> <p><b>David Edwards FICFor</b>, President, Institute of Chartered Foresters</p>
10.25	<p><b>Scottish Government Address</b></p> <p><b>Fergus Ewing MSP</b>, Cabinet Secretary for the Rural Economy and Connectivity, The Scottish Parliament</p>
10.45	<p><b>Keynote Speaker &amp; Questions</b></p>
11.35	<p><b>SESSION 1 – Footprint for the Future</b></p>
11.40	<p><b>Future paths/drawing from other sectors</b></p> <p><b>Fiona Lickorish</b>, Cranfield University - Strategic foresight techniques expert &amp; Futurologist</p>
12.00	<p><b>Adaptation Pathways – Adapting in an Uncertain Climate Changing World.</b></p> <p><b>Nick Pyatt</b>, Director, Trioss</p>
12.20	<p><b>Solving real world problems. The impact of an IoT Landscape and cloud-centric approach, and what comes next.</b></p> <p><b>Christos Matskas</b>, Senior Azure Developer PFE, Microsoft</p>
12.40	<p><b>Panel Questions &amp; Discussion</b> (Led by Session Chair)</p>
13.00	<p><b>Lunch &amp; Exhibition</b></p> <p>A good opportunity to talk to the companies and organisations who are exhibiting in the ground floor foyer area where the catering takes place.</p>
<p><b>Continued/..</b></p>	

14.00	<b>SESSION 2 – Benefitting from Bioscientific Advancements (biotechnical)</b>
14.05	<b>Biopesticide-based products and strategies for control of tree pests</b> <b>Professor Tariq Butt</b> , Leader, Biocontrol and Natural Products Group, Swansea University
14.25	<b>Biotechnology and tree breeding</b> <b>Professor John MacKay</b> , Wood Professor of Forest Science, Department of Plant Sciences, University of Oxford
14.45	<b>Modifying properties of cellulosic materials for commercial uptake</b> <b>Dr Graham Ormondroyd</b> , Head of Materials Research, BioComposites Centre, Bangor University
15.05	<b>Panel Questions &amp; Discussion</b> (Led by Session Chair)
15.30	Refreshment Break (30)
16.00	<b>SESSION 3 - (Automation/Changes in) Machine Technology</b>
16.05	<b>The Main Challenges of Developing Autonomous Equipment in Forestry</b> <b>Francis Charette</b> , Associate Research Leader – Modelling & Decision Support, FPIInnovations (Canada)
16.25	<b>Delivering More with Less – The importance of innovation in ensuring profitable future operations</b> <b>Jock McKie</b> , UK Manager, John Deere Forestry Ltd
16.45	<b>Planting trees using drones</b> <b>Jeremie Leonard</b> , Chief Pilot, BioCarbon Engineering
17.05	<b>Panel Questions &amp; Discussion</b> (Led by Session Chair)
17.25	<b>Day 1 close</b> <b>Shireen Chambers FICFor</b> , Executive Director, Institute of Chartered Foresters
17.30	<b>ICF AGM</b> for ICF members
19.20 for 20.00	<b>PRESIDENT’S RECEPTION &amp; CONFERENCE DINNER</b> <b>The Scottish Café and Restaurant, Edinburgh</b> Chaired by ICF President David Edwards FICFor Incorporates ICF Awards, and <b>After Dinner Speaker</b> <b>Mark Stevenson</b> , author, entrepreneur and futurologist on <b>The 8 principles to success and optimism</b>

	<b>Thursday 3 May</b>
08.00	Registration (D2 delegates) Refreshments and Exhibition
09.00	<b>Conference Housekeeping &amp; Day 2 Delegates' Welcome</b>
09.05	<b>Session 4 – Emerging technology tools for the forest professionals, e.g. Measurement/Data Capture/Survey Emerging &amp; Developing Technology</b>
	<b>Part 1</b>
09.10	<b>TBC</b>
09.30	<b>Capturing Dendrometric Variables Using Mobile Phone Applications</b> <b>Professor Dr Christian Rosset</b> , MOTI Project Manager and Professor of Silviculture and Forest Planning, School of Agricultural, Forest and Food Sciences, Bern University of Applied Sciences (Switzerland)
09.50	<b>Remote Sensing Innovations</b> <b>Professor Iain H Woodhouse</b> , Professor of Applied Earth Observation; Head of Geography and the Lived Environment Research Institute, University of Edinburgh
10.10	<b>Part 1 Panel Questions &amp; Discussion</b> (Led by Session Chair)
10.35	Refreshment Break (30)
11.05	<b>Part 2</b>
11.10	<b>Early detection of tree stress by thermal imagery</b> <b>Juan Suárez-Minguez</b> , Project Manager, Forest Research
11.30	<b>TreeRadar: Using radar to survey roots in urban environments</b> <b>Sharon Hosegood FICFor</b> , Director, Sharon Hosegood Associates Ltd.
11.50	<b>TBC</b>
12.10	<b>Part 2 Panel Questions &amp; Discussion</b> (Led by Session Chair)
12.35	<b>Morning Summary and Announcements</b> (Chris Hamill, Conference Chair)
12.40	Lunch
13.50	<b>Session 5 – New Horizons - From the Circular Economy to Cyborgs (work in progress)</b>
13.55	<b>The Circular Economy</b> <b>Professor Stefano Pascucci</b> , Professor in Sustainability and Circular Economy, University of Edinburgh Business School
14.25	<b>Social media in the wider environment/ or From Cyborg to Colleague</b> Speaker tbc
14.55	<b>Artificial Intelligence vs Ethics</b> Speaker tbc
15.25	<b>Open Floor Discussion (25m)</b>
15.50	<b>Conference Summation</b> <b>Chris Hamill</b> , Conference Chair
	<b>Concluding words, thanks and close</b> Alistair Sandels FICFor, Vice President, Institute of Chartered Foresters
16.10	<b>Conference Closes, Delegates Depart</b>

ICF reserves the right to alter timings, speakers or the venue in circumstances beyond its control.