



3D Metrology Conference

5 – 7 November 2019, Here East, London (Stratford)

www.3dmc.events

Brief overview, abbreviated presentation titles, content subject to change. See website for latest information.
Delegate pass gives access to all conference events.

Tuesday 5 th . November	Wednesday 6 th . November	Thursday 7 th . November
<p>Demos for SA User Conference</p> <p>12:00 Registration</p> <p>Workshops 13:30 Laser tracking Sigma3D, WZL DE</p> <p>14:30 Targetless photogrammetry Gorka Kortaberria, IK4 Tekniker ES</p> <p>15:30 Break</p> <p>16:00 Demonstrations U/L/G **</p> <p>18:00 Icebreaker, Shane's Bar</p>	<p>08:00 Registration</p> <p>09:00 Conference opening Robert Schmitt, Ben Hughes</p> <p>09:30 New wing integration centre Paul Richardson, Airbus UK Stuart Robson, UCL UK</p> <p>10:10 Break, exhibition, demos U/L/G</p> <p>11:15 Comparison of trackers Istvan Brio, Loughborough Uni. UK</p> <p>11:40 LT network linking Rodrigo Leão, LNLS, BR</p> <p>12:05 Real-time LT compensation Zheng Wang, Bath Uni. UK</p> <p>12:30 Lunch, exhibition, demos U/L/G</p> <p>14:15 Underwater photogrammetry Fabio Mena, COMEX/FBK FR/IT</p> <p>14:40 Offshore drone simulations Tiago Costa Pinto, LabMetro BR</p> <p>15:05 Photogramm. testing IMUs Joh Heaps, NPL UK</p> <p>15:30 Break, exhibition, demos U/L/G</p> <p>16:40 Virtual CMM & gear metrol. Ann-Katrin Wiemann, PTB DE</p> <p>17:05 Predictive CMM maintenance Markus Ohlenforst, IconPro DE</p> <p>17:30 Poster session, drinks</p> <p>19:00 Networking, Howling Hops Brewery</p>	<p>08:30 Conference info</p> <p>09:00 Calibration frameworks Richard Leach, Nottingham Uni. UK</p> <p>09:25 Cobot accuracies Daan Büchner, 3D.Aero DE</p> <p>09:50 Digital twin error prediction Scott Sandwith, NRK/Boeing US Doug Bristow, Missouri Uni. US</p> <p>10:15 Break, exhibition, demos U/L/G</p> <p>11:15 Point clouds and objects Russell Coggrave, Loughbr. Uni. UK</p> <p>11:40 Geometric algorithms Axel von Freyberg, Bremen Uni. DE</p> <p>12:05 Multi. projn. syst. analysis Amrozia Shaheen, Nott. Uni. UK</p> <p>12:30 Lunch, exhibition</p> <p>13:30 Acoustic thermometry Karim-Mounssif Mimoune, CNAM FR</p> <p>13:55 Narrow space scanner Tatsuo Hariyama, Hitachi JP</p> <p>14:20 Augmented Reality Zhiyuan Niu, Tianjin Uni. CN</p> <p>14:45 Break, exhibition</p> <p>15:15 LVM for solar power Eneko Gomez-Acedo, IK4 Tekniker ES</p> <p>15:40 Sensor fusion for quality Pasquale Franciosa, Warwick Uni. UK</p> <p>16:05 Composites manufacturing Dan Griffin, NCC UK</p> <p>16:30 Metrology Stadium prizes Conference feedback</p> <p>16:45 Demos U/L</p> <p>17:30 Conference close</p>

**** Demonstrations:** UCL Robotics (U): Photogrammetry + snake-arm robot + indoor drones
Loughborough Uni. (L): People/robot tracking
GOM (G): ScanBox