

# INTERGEO 2016 PHOTO ROUNDUP

THE WORLD'S PREMIER SHOWCASE FOR SURVEYING, GEOINFORMATION AND LAND MANAGEMENT TOOK PLACE IN HAMBURG OVER THREE DAYS LAST MONTH. OUR PHOTO SPREAD CAPTURES A FLAVOUR OF WHAT WAS ON OFFER



Visitors from more than 100 countries made their way to Hamburg's principal conference and exhibition venue for this year's event



With some 531 exhibitors from 37 countries spread across four halls, finding one's way around could prove tricky!



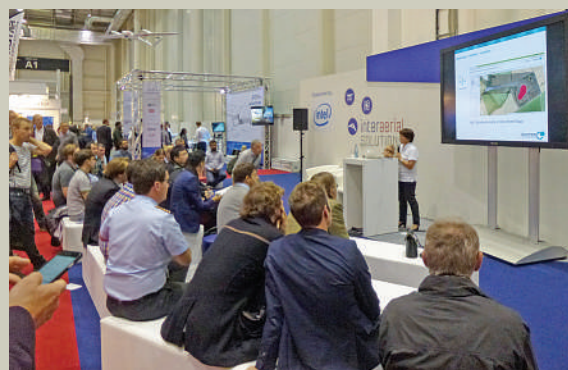
More than half the attendees were aged under 40, with many enthusiastic young career starters among them. Suppliers were keen to outline opportunities in a profession that is experiencing a chronic jobs shortage, as was a new GEOCAREER.COM service which promoted its link with "jobware.de", a national recruiter specialising in IT and technology. The DWV and student organisation Kongeos were also busy publicising job opportunities

Despite distinctly autumnal weather, the mood was upbeat as INTERGEO welcomed an estimated 17,000 trade visitors and 1,300 congress delegates to Hamburg in mid-October. Staged by Hinte GmbH and hosted by the German Society of Surveyors (DWV), the event had its eye firmly on the future, with Unmanned Aerial Systems, Building Information Modelling and Smart City solutions all having dedicated exhibition zones and forums to give visitors the heads-up on latest developments.

"INTERGEO is where the geo IT sector meets its users. INTERGEO is cross-industry dialogue at its very best. It focuses on the resource of the future – smart geoinformation," said Prof. Hansjörg Kutterer, DWV's newly-elected President. Dr.-Ing. Christoph Fröhlich from Zoller+Fröhlich spoke for the majority of

exhibitors in giving his verdict: "INTERGEO is the world's absolute top event for our customers. They fly in from all over the world in order to meet us and check out the latest developments in the sector."

Some of those developments are pictured in our photo roundup of the event, while these and others will be covered in more detail in future issues. All photos © GeoConnexion except where stated



This year's event featured a dedicated INTERAERIAL SOLUTIONS mini-exhibition populated by 130 suppliers of UAS platforms, software and services. It included an outdoor flight zone plus a well-attended expert forum (pictured)





Trimble Geospatial vice president Ron Bisio fields questions at the INTERGEO press conference. The platform was shared by Intel senior vice president Josh Walden, Dr. Jürgen Dold, President, Hexagon Geosystems, Prof. Dr. Hansjörg Kutterer as newly-elected President of the DWV, Gunther Wölfle, Managing Director buildingSmart eV, and Christoph Hinte, CEO of Hinte GmbH



Nigel Clifford, Chief Executive of Britain's Ordnance Survey, gave the opening keynote at the INTERGEO Congress on opportunities and challenges for a 21st Century National Mapping Agency. Photo: Hinte GmbH



Following its acquisition earlier this year of UAV specialist, Ascending Technologies, Intel made its debut at INTERGEO with the Falcon 8+ Unmanned Aerial System. Intel senior vice president Josh Walden is pictured here introducing the V-form octocopter and outlining its potential for industrial inspection, surveying and mapping applications. Photo Hinte GmbH



Riegl used the event to launch a number of new airborne laser scanners. Here, Dr. Johannes Riegl Sr., CEO of the Austrian company, is shown with the new miniVUX-1 UAV. This highly compact entry-level sensor, with a 360° field of view, weighs just 1.6 kg, making it an ideal 'fit' for emerging UAS/UAV/RPAS survey applications. The company also announced a lead order for several of the new units from Aethon Technologies of Toronto, Canada



Following six years in development, the B66 large format aerial camera from IMAO of Limoges, France, made its debut at INTERGEO 2016. Claimed to capture images two to three times larger than those generated by existing optical sensors, and requiring less image processing time, it should be available for delivery next Summer. Here, IMAO's CTO Jean-Paul Verniere (left) and colleague pose with the 660 megapixel camera



Collaborative developments were well to the fore at INTERGEO, with Topcon Positioning Group and Bentley Systems showcasing a new level of direct communication between Bentley's design applications and Topcon mobile work force products running the latest MAGNET® 4.0 release. Thanks to this development, field users of Topcon's family of MAGNET and 3D-MC software solutions can access or receive i-models created by Bentley's OpenRoads design modeling technology. They can also upload captured survey data and as-built conditions to Bentley's design applications using the same direct connection. Photo Bentley Systems



Trimble unveiled the SX10 Scanning Total Station ... one that merges high-speed 3D scanning, enhanced Trimble VISION™ imaging technology, and high-accuracy total station measurements into familiar field and office workflows. Available now, it gives users the ability and versatility to handle projects from traditional surveys to complex 3D modeling. Photo: Trimble Geospatial



UK-based Arithmetica showcased several developments from its subsidiary companies. For example, its point cloud management and visualisation business, Veesus, presented the latest version (2.3.0) of the Arena4D suite of products. This now includes version 2 of Pointfuse, the rapid point cloud to vector model conversion software from its sister company of the same name, also exhibiting at this year's INTERGEO. The result: a "one touch" solution to vectorising point cloud data

