Programme Agenda

GEO DESIGN+BIM

23 NOVEMBER 2017

Time (hrs)	Agenda
0900-0915	**Welcome and Introductory Address** by **Sanjay Kumar**, CEO, Geospatial Media & Communications, India & **Prof. Henk Scholten,** CEO, Geodan, The Netherlands
0915-0945	**Guest Keynotes** **Jon Kerbey,** Director of BIM, HS2, UK **Noud Hooyman,** Department of Policy on Geo-information, Directorate for Spatial Development, Ministry of the Interior, The Netherlands
0945-1045	**Panel on Making Collaboration Work** **Moderator: Prof. John P. Wilson,** Director of Spatial Science Institute, University of Southern California, USA **Panelists:** **Henk van Raan,** Chief Innovation Officer, Amsterdam ArenA, The Netherlands **Claudia de Andrade de Wit,** Chief Data Officer, Rijkswaterstaat, The Netherlands **Geoff Zeiss,** Principal, Between the Poles, Canada **Dale Sinclair,** Director of Technical Practice, AECOM, UK
1045-1115	Networking Tea/Coffee Break
1115-1245	**Plenary 1: Digital Engineering Enabling Collaborative Sustainable Urban Development** **Moderator: Sanjay Kumar,** CEO, Geospatial Media & Communications, India **Speakers:** **Prof. Henk Scholten,** CEO, Geodan, The Netherlands **Arjen Adriaanse,** Director Digital Strategy & Business Europe North / Leader Digital Agenda Europe, Arcadis, The Netherlands *Topic: Towards an integrated project information management platform for infrastructure projects* **Andreas Gerster,** Vice President BIM/CIM and Product Design, FARO, Germany *Topic: Unleashing the power of BIM: How AR and VR technologies could change the future of digital construction planning* **Ted Lamboo,** Senior Vice President, Reality Modeling, Bentley Systems, The Netherlands **Ewout Korpershoek,** Executive Vice President, Topcon, The Netherlands
1245-1345	Networking Lunch
1345-1515	**Plenary 2: Delivering Smart Cities, Building and Infrastructure: Putting Smart Planning into Practice** **Moderator: Prof. Henk Scholten,** CEO, Geodan, The Netherlands **Speakers:** **Prof. Peter Nijkamp,** Emeritus Professor in Regional and Urban Economics, VU Amsterdam, The Netherlands *Topic: The Best of All Possible Worlds: Digital Design and Decision Support Tools* **Brooks Patrick,** Account Executive (3D GIS Markets), Esri, USA *Topic: A Strategy and Vision for Enterprise 3D GIS* **Hans Viehmann,** Product Manager EMEA, Oracle, Germany *Topic: IT Infrastructure for BIM and GIS – 3D Data, Semantics, and Workflows* **Martin Peersman,** Program manager BRO, Keyregistry of the Subsurface of the Netherlands, Ministry of the Interior and Kingdom Relations, Department of Spatial Planning, The Netherlands *Topic: Integration of subsurface data and BIM in 3D visualizations for smart planning*
1515-1545	Networking Tea/Coffee Break
1545-1645	**Plenary 3: Technology Trends Enabling New Age BIM Applications** **Moderator: Rob van de Velde,** Director, Geonovum, The Netherlands **Speakers:** **Graeme Forbes,** Chief Executive Officer, Clearbox, UK *Topic: Where are we now and what's coming next?* **Alexander Worp,** Strategic Advisor BIM, Asset Management Department, Schiphol Airport, The Netherlands *Topic: BIM for Digital Asset Information Life cycle Management (AIM)* **Johannes de Beer,** Head of Subsurface Program, Geological Survey Norway *Topic: COST Action SUB-URBAN 2013-2017 Opening up the subsurface for the cities of tomorrow - the GeoCIM concept*
1645-1715	**Geodesign Keynote** by **Carl Steinitz,** Emeritus Professor of Landscape Architecture and Planning, Harvard University, USA *Topic: On Negotiation as a Geodesign Method & Breaking down the silos through geodesign - Envisioning Sydney's urban future*

Time hrs	Calla 2	Calla 3
0900-1030	**Collaborative GEO|Design+BIM: Standards & Interoperability** **Moderator and Lead Speaker: Bart De Lathouwer**, Director, Innovation Program, OGC, Belgium **Speakers:** **Jesus Valderrama,** Director, APOGEA Consultores SL, Spain *Topic: ROADBIM: Design and development of BIM technologies for code validation and safety management in road construction projects* **Rene Wubbels,** Business Information Analyst, ProRail, The Netherlands *Topic: Semantic Asset Management in the Dutch Rail Engineering and Construction Industry* **Jaap Bakker,** Senior Advisor, Rijkswaterstaat, The Netherlands *Topic: 3D and Linked data for Asset Management at Rijkwaterstaat* **Jack Bartlett,** International Sales Executive Built Environment, EMEA, BSI Group, UK *Topic: BIM and Beyond: Digital Transformation in the Built Environment*	**GEO|Design+BIM for Smart Cities (Buildings & Infrastructures)** **Moderator: Ignasi Pérez Arnal,** Partner Director, BIM Academy, Spain **Speakers:** **Glyn Arthur,** VP of Business Development, Luciad, Belgium *Topic: Keeping up with Data: Smart Cities in 3D* **Jan Schoenig,** Director Urban Development & Smart Cities, Siemens Global Center of Competence Cities, Germany *Topic: The world's most advanced buildings have brains* **Ed Fennema,** Founder, Transreality.com, The Netherlands *Topic: What organizations want from intelligent 3D realities* **Olaf Schroth,** Lecturer GIS, The University of Sheffield, UK *Topic: Geodesign bridging GIS and BIM in planning and designing Green Infrastructure* **Henri Veldhuis,** Business Development Manager, Sweco, The Netherlands *Topic: How new technology (Augmented Reality, Internet of Things) helps to create smart cities.*
1030-1100	Networking Tea/Coffee Break	
1100-1230	**Integrating Imagery, Point Clouds & Public Datasets into BIM** **Moderator: Sisi Zlatanova,** Associate professor, 3D Geoinformation, Urbanism, TU Delft, The Netherlands **Speakers:** **Sanghee Shin,** CEO, Gaia3D, Inc, South Korea *Topic: Introduction of Mago3D, a Web Based BIM-GIS Integration Platform on Top of Open Source GIS* **Adrian Burgess,** Technical Director, Professional Construction Strategies Group (PCSG) & **Stephen Crompton,** CTO, Business Collaborator Limited (GroupBC), United Kingdom *Topic: GeoConnect+: Outcome of two-year R&D project to connect BIM and geospatial data* **Julian Norton,** Business Development Manager, Pix4D, Switzerland *Topic: A New Approach to Construction Monitoring: how Photogrammetry and Drones will become Integral to the BIM Process* **Asem Zabin,** Sr. BIM Engineer, iTech Management Consultancy & **Baha Khalil**, Data Scientist, Unilever, UAE *Topic: Integration of Textural and Material Information Into Existing BIM Using IR Sensing* **Peter Gyuris,** Consultant, Geonardo Ltd, Hungary *Topic: BIM and GIS data assisted by TLS for Asset Information Models and design*	**GEO|Design+BIM for Sustainability & Community Engagement** **Moderator: Herman Winkels,** Founder, BIMW, The Netherlands **Speakers:** **Ir Drs Aart Jan Klijnjan,** Programme Director – Environmental Law, Kadaster, The Netherlands *Topic: Geo-design+ BIM: fission or fusion?* **Maarit Kahila,** Development Director, Mapita Ltd, Finland *Topic: Mapping local insight with Maptionnaire - best cases from around the world* **Johan Haeberle,** Business Development Manager, Integrated Environmental Solutions Ltd (IES), Europe *Topic: Using BIM to close the performance gap* **Maarten Meester,** Architect, NORD, The Netherlands *Topic: Mise en Place* **Kyra Romero,** Architect, Urban Studies, DUOT UPC Barcelona, Spain *Topic: GIS technologies enablin Urban Fabric and Architecture Heritage Platform (UFAHC)*
1230-1330	Networking Lunch	
1330-1500	**Workshop by BIM Loket: Linking 3D GIS Data to 3D IFC Models** **Moderator: Jaqueline Meerkerk,** Managing Director, BIM Loket **Speakers:** **Jantien Stoter,** Professor – 3D Geoinformation, TU Delft *Topic: Introducing the Geo-BIM project: what we were looking for and what we have achieved* **Jennifer Oldfield,** Information Advisor and GeoBIM Specialist, The Gobar Consulting Group *Topic: Working with open BIM standards to source data for a 3D cadaster* **Friso Penninga,** Senior Advisor SDI, Geonovum *Topic: White paper on future developments of geo standards* **Joris Goos,** Program Manager Digital Management and Building, Municipality of Rotterdam *Topic: What kind of data is needed for a digital building permit application process?* **Henri Veldhuis,** Business Development Manager, Sweco *Topic: The view of 'the market': Reflection of a practitioner on the research results*	**GEO|Design+BIM for Asset Management** **Moderator: Ir Huib Pasman,** Amsterdam ArenA Innovation Center, The Netherlands **Speakers**: **Hester van der Voort,** Environment Manager, BIM Program, Rijkswaterstaat, The Netherlands *Topic: BIM and Road Maintenance: Goals, Challenges and Needs* **Ahmet Citipitioglu,** Engineering & Design Director, TAV Construction, Turkey *Topic: CAD+BIM+GIS+CMMS for Airport Facility Maintenance/ Management: Making the best of each tool work – together* **Tom Bartley,** Senior Engineer, WSP, UK *Topic: Bringing the virtual highway design to site before construction starts* **Tessa Eikelboom,** Application Manager and Advisor Géodesign, Rijkswaterstaat, The Netherlands *Topic: Geodesign: Infrastructure Maintenance Planning at Rijkswaterstaat*
1500-1600	Networking Tea/Coffee Break	
1600-1700	**Closing Panel: Transforming Construction Industry through Education (Bringing Industry and Innovation into the Classroom)** **Moderator: Dr. Darren Ruddell,** Associate Professor, Spatial Sciences Institute, University of Southern California, USA **Panelists:** **Prof. Josef Strobl,** Chair, Department of Geoinformatics, University of Salzburg, Austria **Gert Jan Burgers,** Director of Research Institute for Culture, History and Heritage (CLUE+), VU Amsterdam, The Netherlands **Ignasi Pérez Arnal,** Partner Director, BIM Academy, Spain **Sisi Zlatanova,** Associate Professor, 3D Geoinformation, Urbanism, TU Delft, The Netherlands	