

BILT EUROPE 2022

14-16 November 2022

Valencia Conference Center • Valencia, Spain



14 November 2022

Session 1.1

13:30 – 14:20 **Introduction, Chairman [Gold/Platinum Sponsor]**

14:20 – 15:15 **Keynote Speech**

Session 1.2

15:45 – 16:30 **Client Case Study 1**

15:45 – 16:30 **Client Case Study 2**

15:45 – 16:30 **TBA**

15:45 – 16:30 **Client Case Study 3**

15:45 – 16:30 **Introduction to Python for Dynamo - *BYOD Lab***

Matt Wash, Autonomation - Digital Consultant

Co-Speaker: Adam Sheather, Autonomation -Director

Session 1.3

16:45 – 17:30 **Agile Robotic Autonomy and Dynamic Sensing for Digital Twins**

Brian Ringley, Boston Dynamics- Product Manager Construction

16:45 – 17:30 **Client Case Study 4**

16:45 – 17:30 **Little CIM: Applying City Information Modelling to Rural Areas: the impact of new Digital Rural Twin**

Ignasi Pérez Arnal, BIM Academy - CEO & Founder

16:45 – 17:30 **Client Case Study 5**

16:45 – 17:30 **Unlocking the power of game engines for AECO use cases**

Greg Demchak, Bentley – Systems Director Digital Innovation Lab

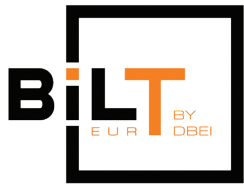
Co-Speaker: Daniel Iborra, Bentley- Senior Developer

16:45 – 17:30 **Introduction to Python for Dynamo - *BYOD Lab***

Matt Wash, Autonomation - Digital Consultant

Co-Speaker: Adam Sheather, Autonomation -Director

18:30 – 21:30 **Offsite Function**



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15 November 2022

Session 2.1

09:00 – 09:15 **Chairman & Committee Address**

09:15 – 09:30 **Platinum Sponsor**

Session 2.2

10:00 – 11:30 **Open source, what's its place in the AEC industry? – A Panel Discussion**
Carl Storms, BIM Track - Technical Solutions Lead + curated experts

10:00 – 11:30 **Strengthen your Revit Families with conditional formulas**
Vincent Bleyenheuft, CADatWork - BIM consultant

10:00 – 11:30 **Introduction to Grasshopper 3d for AEC - BYOD Lab**
Luis Fraguada, McNeel Europe – Developer
Co-Speaker: Pedro Cortes, McNeel Europe- Tech Support Specialist and Developer

10:00 – 11:30 **The Future of Reality Capture – The Field**
Kelly Cone, ClearEdge3D - VP of Product Management

10:00 – 11:30 **Collaborative virtual model-making: get hands-on with your designs**
Johan Hanegraaf, Arkio- Co-founder & Head of Product
Co-Speaker: Hilmar Gunnarsson, Arkio - Founder & CEO

10:00 – 11:30 **Python.Inside.Revit : Zero to Hero - BYOD Lab**
Mostafa El Ayoubi El Idrissi, Data Shapes / Orkestra - Design Technology Specialist / CEO
Co-Speaker: Valentin Bertel, Data Shapes - BIM Engineer

Session 2.3

11:30 – 12:45 **TBA**

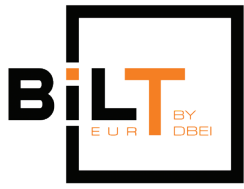
11:30 – 12:45 **Flexible BIM and parametric design techniques in architecture with VisualARQ, Rhino and Grasshopper**
Francesc Salla, Asuni - Architect and Product Manager

11:30 – 12:45 **Dynamo Masterclass: Stuff you might have missed!**
Jostein Berger Olsen, Sweco - BIM Specialist

11:30 – 12:45 **Scan2BIM on Linear Infrastructure Projects**
Pedro Iserte, SBE Engineering - Computational Designer

11:30 – 12:45 **Early intervention for sustainable building design – before the BIM model**
Lucas van Laack, Rambøll - Technical Director

11:30 – 12:45 **Python.Inside.Revit : Zero to Hero - BYOD Lab**
Mostafa El Ayoubi El Idrissi, Data Shapes / Orkestra - Design Technology Specialist / CEO
Co-Speaker: Valentin Bertel, Data Shapes - BIM Engineer



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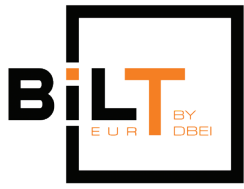


Session 2.4

- 13:45 - 15:00 **The AI in BIM**
Adam Sheather, Autonotation - Director
- 13:45 - 15:00 **IFC for smartie-pants**
Mark Wieringa, Bimforce - Information Specialist
Co-Speaker: Martijn de Riet, Bimforce - Information Specialist
- 13:45 - 15:00 **Make it 3D easy! The opensource way of making perfect watertight models using visual programming and more!**
Michal Dengusiak, Hoare Lea - Computational Engineering Consultant
Co-Speaker: Michalina Dengusiak, Heinrich-Hertz-Gymnasium - Student
- 13:45 - 15:00 **BIM and GIS interoperability for designing smarter cities - *BYOD Lab***
Marios Messios, Parametricos Ltd. - CEO
Co-Speaker: Harry Collin, Parametricos Ltd. - CTO
- 13:45 - 15:00 **c# w/o cs for Revit: Fast-track introduction c# and object-oriented programming for Revit plugins - *BYOD Lab***
Mark Wieringa, Bimforce - Information Specialist
Co-Speaker: Martijn de Riet, Bimforce - Information Specialist

Session 2.5

- 15:15 - 16:30 **Digital Twins for the People!**
David Fink, Henning Larsen Architects - Digital Manager
- 15:15 - 16:30 **Building with your data. Using Speckle in your daily workflows**
Alan Rynne, Speckle Systems - Software Developer
Co-Speaker: Dimitrie Stefanescu, Speckle Systems - Founder
- 15:15 - 16:30 **BIM and LCA integration: challenges and opportunities**
Bernardette Soust Verdaguer, University of Seville - Researcher
- 15:15 - 16:30 **Graph Representation and Analytics on BIM data based on IFC**
Philipp Dohmen, Amberg Group - Corporate Chief Digital Officer (CDO)
Co-Speaker: Manos Argyris, Amberg Group - Data Scientist
- 15:15 - 16:30 **BIM and GIS interoperability for designing smarter cities - *BYOD Lab***
Marios Messios, Parametricos Ltd. - CEO
Co-Speaker: Harry Collin, Parametricos Ltd. - CTO
- 15:15 - 16:30 **c# w/o cs for Revit: Fast-track introduction c# and object-oriented programming for Revit plugins - *BYOD Lab***
Peter Ciganek, Henn GmbH - Architect



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Session 2.6

- 17:00 - 18:15 **IFC Housing Configurator: Driving building automation with IFC using Graph technology**
Mark Wieringa, Bimforce - Information Specialist
- 17:00 - 18:15 **Digital asset delivery for strategic boardroom to boiler room management**
Ryan Tennyson, Scottish Futures Trust - Infrastructure Technology Advisor
- 17:00 - 18:15 **Going underground - modelling geology and geotechnical constructions for infrastructure projects**
Magnus Rømoen, NGI - Norwegian Geotechnical Institute - BIM Strategist
Co-Speaker: Nikolaj Børner Hansen, Geovita AS - Geotechnical engineer / BIM-manager
- 17:00 - 18:15 **Optimization of sustainable design through Archicad and Grasshopper**
Pedro Santiago, PSPV Arquitectos Asociados - Lda Architect
- 17:00 - 18:15 **Creating 3D BIM applications from scratch - BYOD Lab**
Antonio Viegas, IFC.js Software developer
- 17:00 - 18:15 **Scan to BIM: First steps with pointclouds - BYOD Lab**
Francisco Tabanera, Modelical Architect - Technical Leader
- 18:30 - 20:00 **Reception**

16 November 2022

Session 3.1

- 10:00 - 11:15 **BIM @ BIG - The journey going from small to big, and how to re-saddle your BIM horse on the way**
Jens Majdal Kaarsholm, BIG - Bjarke Ingels Group - Director of Design Technology
- 10:00 - 11:15 **Build today a Better tomorrow: The future of Facility Management is data analysis and predictions**
Riccardo Pagani, BIMon - CEO
- 10:00 - 11:15 **New solutions for old problems: 5 different applications of Generative Design in the AEC industry**
Claudio Vittori Antisari, Strategie Digitali Srl - Founder and CEO
Co-Speaker: Alessandro Macchi, Strategie Digitali srl - Computational Designer and Developer
- 10:00 - 11:15 **Fully Digitalized; Unlock the Power of BIM**
Johannes Ris, Byggstyrning - VDC-Manager
- 10:00 - 11:15 **A hands-on BYOBIM workshop on Linked Building Data - BYOD Lab**
Mads Holten Rasmussen, NIRAS - Data Engineer
- 10:00 - 11:15 **Creating a dockable project health scorecard using Revit API - BYOD Lab**
Konrad Sobon, Bad Monkeys - Co-Founder



Session 3.2

- 11:30 – 12:45 **The BCF: Bringing Sexy Back**
Carl Storms, BIM Track - Technical Solutions Lead
- 11:30 – 12:45 **BIM for Facility Management at NATO Headquarters**
Carlo Cosoleto, NATO - BIM Coordinator
Co-Speaker: Gonzalo Heredia Borreguero, NATO - Project Manager
- 11:30 – 12:45 **Automated engineering strategies for immersed tunnels**
Maarten van den Berg, Infranea BIM Process Manager – Principle Infrastructure Division
Co-Speaker: Elisa Martin Castillo, Infranea ES - BIM Engineer
- 11:30 – 12:45 **Connecting BIM and Design: A new digital design workflow**
Alfonso Monedero, Heatherwick studio - Head of BIM
Co-Speaker: Kong Hoang, Heatherwick Studio - BIM Manager
- 11:30 – 12:45 **A hands-on BYOBIM workshop on Linked Building Data - BYOD Lab**
Mads Holten Rasmussen, NIRAS - Data Engineer
- 11:30 – 12:45 **Creating a dockable project health scorecard using Revit API - BYOD Lab**
Konrad Sobon, Bad Monkeys - Co-Founder

Session 3.3

- 13:45 – 15:00 **Generative Design for MEP systems, some real case studies achievable for all of us**
Riccardo Pagani, BIMon - CEO
- 13:45 – 15:00 **Queen's Wharf precinct development – an OpenBIM journey on the client side**
Gabor Gulyas, DBM Vircon - Operations Manager - Digital Engineering
- 13:45 – 15:00 **Virtual validation of complex infrastructure using VR driving based on Unity**
Jur Fijen, Infranea - BIM Coordinator
Co-Speaker: Marteen van den Berg, Infranea - Principal/BIM Manager
- 13:45 – 15:00 **The value of linked open data for digital asset management in the Dutch public sector based on practical insights**
Anouk van Otterlo, Based - Consultant
- 13:45 – 15:00 **To Infinity and beyond: transforming 1000000 sq.m. of CAD data to Revit models**
Nikolay Gerasimov, Plandata - MEP BIM Expert
- 13:45 – 15:00 **Excelling at Digital Transformation: A 10 step framework for changemanagement in AEC**
Roberto Molinos, Modelical - Managing Director
Co-Speaker: Sarai Zaballa, Modelical - Operations Director
- 15:15 – 16:15 **Closing Plenary/Wrap-UP [Platinum Sponsor]**
- 19:00 – 23:00 **Gala Dinner**