



# 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 - 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**



# BILT EUROPE 2022

14-16 November 2022

Valencia Conference Center • Valencia, Spain



## 15 November 2022

### Session 2.1

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

09:15 – 09:30 **Platinum Sponsor**

### Session 2.2

10:00 – 11:15 **Open source, what's its place in the AEC industry? – A Panel Discussion**  
*Carl Storms, BIM Track - Technical Solutions Lead + curated experts*

10:00 – 11:15 **Strengthen your Revit Families with conditional formulas**  
*Vincent Bleyenheuft, CADatWork - BIM consultant*

10:00 – 11:15 **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 – 11:15 **The Future of Reality Capture – The Field**  
*Kelly Cone, ClearEdge3D - VP of Product Management*

10:00 – 11:15 **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 – 11:15 **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 Sustainable Buildings*

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*



# BILT EUROPE 2022

14-16 November 2022

Valencia Conference Center • Valencia, Spain



## 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***  
*Peter Ciganek, Henn GmbH - Architect*

## 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*



# BILT EUROPE 2022

14-16 November 2022

Valencia Conference Center • Valencia, Spain



## 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 point clouds - 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*



# BILT EUROPE 2022

14-16 November 2022

Valencia Conference Center • Valencia, Spain



## 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 change management 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**