

infra BIM OPEN

LYON
2024
JAN 29-31

JANUARY 30			
08:15	Welcome coffee-tea		
09:00	Room AMPERE (Retransmitted in rooms T.GARNIER and JACQUARD)	Opening plenary - Welcome speeches : F.Olard (Infra2050), F.Robida (MINnD), T. Savolainen (bSFinland) - GAIA X & European Strategy on the Cloud Computing by Anne-Sophie Taillandier - Artificial Intelligence and open BIM by Alar Jost (bS Switzerland)	
10:30	Exhibition Hall	Break	
11:00	Session 1.1: Sustainable Construction Room AMPERE	Session 1.2: New Innovations Room TONY GARNIER	Session 1.3: Utilizing openBIM in Railway Projects Room JACQUARD
	Establishing "digitally sustainable" material passports	InfraBIM challenges for bridges and viaducts: real case studies for monitoring system, modeling, structural analysis and inspections	BIM in the "Rail Baltica" project: promoted progress in the market and the challenges that arise with it!
	Sustainable Advancements Through Data Simulations and Team Collaboration	4D Streetscape Modeling: Integrating Neural Radiance Fields and Stable Diffusion in Building Information Modeling	Applying for IFC4.3 for Rail Project : The Results
	Transforming Road Reconstruction with Open and Connected BIM Technologies	AR and MX power in BIM construction and maintenance by vGIS	BIM4LCA @DB E.C.O. Group: Enhancing Sustainability in Railway Infrastructure Design through openBIM Model-Based Life Cycle
	Leveraging openBIM for Sustainable, model based Infrastructure construction: An ESG Perspective	Automation in as-is bim modelling for mechanized tunneling construction	Harmonizing reality capture with OpenBIM: Building faster & saving millions by Arkance System
13:00	Exhibition Hall	Lunch	
14:00	Session 2.1: More Value for Information Room AMPERE	Session 2.2: Digital Project Management Room TONY GARNIER	Session 2.3: Below the Surface Room JACQUARD
	Connected Construction: new ISO standard for harmonizing and connecting Office to Field workflows	BIM for Airport Infrastructure: A Case Study on Vienna Airport	Design and benefits of a National Geotechnical Databank: the BRGM experience
	Using openBIM and Linked Data for Digital Twinning the Construction Project Delivery Phase	A 4D Synthesis on Marseille to Ventimiglia's Railway Line	Subsurface BIM of Central Tokyo area for earthquake mitigation measures
	Road Quantities with IFC: Example of REB 22.001 Guideline	Towards openCDE : the key role of a "CDE Agent" in a global openBIM digital environment !	Xsite Solution - Universe's most popular and meaningful solution for infra-construction by Novatron
15:30	Exhibition Hall	Break	
16:00	Session 3.1: Design Optimization Room AMPERE	Session 3.2: Future Goals for Sustainability Room TONY GARNIER	Session 3.3: Scan-to-openBIM Room JACQUARD
	Fabrication Design for the Kirjalansalmi Bridge Replacement: Meeting Challenging Deadlines with Agile automation	Sustainable Digital Infra Construction	Scan-to-openBIM: from 3D scans to IfcBridge models
	Optimizing BIM Infrastructure Design with the Integration of IDS and bsDD	Connecting the Digital and Physical Worlds in Infrastructure by Trimble	Automated 3D Point Cloud Analysis for Enhanced Railway Track Geometry in BIM
	openBIM application for Model-based design of railway from Nykirke to Barkåker	BIM and Decarbon'Action	Meeting BIM requirements for road infrastructure: management and coordination by SOGELINK
17:45	Room AMPERE	Feedback and best practices from The Infra Serious Game	
18:30	Exhibition Hall	Cocktail	



JANUARY 31

08:15	Welcome coffee-tea		
09:00	Session 4.1: Digital Asset Management Room AMPERE	Session 4.2: Future Goals Room TONY GARNIER	Session 4.3: New Ideas for Digital Handover Room JACQUARD
	The Australian Digital Engineering for Fixed Rail Infrastructure Standard: A Consideration for European Industry?	The positions of MINnD season 2 and MINnD2050 perspectives towards carbon neutrality	A BUILT WORLD IN A SINGLE DIGITAL TWIN: OpenBIM management technology to create a unified BIM-GIS model by ACCA Software
	Utilization of the digital built environment in rescue operation risk management	The Environmental Digital Twin : methodology & use cases	Improving the handover data flow to operational phase - Case large light rail transit project
	When civil engineers meet Open BIM libraries by Setec	Topic: Approaching construction dataspace using openBIM and Gaia-X for twin transition	Infrastructure As-Build Model Control and Handover - Motorway interchange
10:30	Exhibition Hall		
	Break		
11:00	Session 5.1: Thoughts from Infra Owners Room AMPERE	Session 5.2: openBIM Next Steps Room TONY GARNIER	Session 5.3: Utilizing openBIM Tools Room JACQUARD
	BIM strategy focal points through maturity matrix measurement in infrastructure owner organization- case FTIA	openBIM Standardisation and Implementation: Importance of Common Terminology and Principles	Information and communication insights through integration
	Information flow over the life cycle of an infrastructure project	Ifc for underground infrastructures projects	Spearheading Virtual Design and Construction in Bridge Projects by Vektor IO
	First Alliance contract in Estonia	GIROS: The digital twins of the Gironde estuary to accelerate territorial resilience in a context of climate change by egis	Computational design and bim integration in bridge engineering
	Cost management, CO2 & openBIM: Where are we now?	How to leverage use of data and open standards in construction projects, operation and maintenance of bridges and other facilities	The Quest for the Ultimate openBIM Exchange Requirements Language: Comparing mvdXML, IDS and Gherkin
13:00	Exhibition Hall		
	Lunch		
14:15	Room AMPERE (Retransmitted in rooms T.GARNIER and JACQUARD)		
	Closing plenary - Béatrice Vessiller, VP Métropole de Lyon - From Closed BIM to openBIM in 30 years, a user story - The Swedish Transport Administration by Karin Anderson - Frank Hovorka (bS France) - Federico Milani (DG Connect) - Unlocking productivity & sustainability through openBIM by Clive Billald (CEO bSI)		
16:00	Exhibition Hall		
	Closing cocktail		



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