



World Conference On  
**Construction &  
Building Technology**

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**A G E N D A**

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13-14 May, 2024 | Barcelona

Day 1	
13-May-24	
Hotel Catalonia Barcelona 505, Barcelona, Spain	
08:00-08:30	Registrations
Meeting Room: Tibidado	
08:30-08:55	Welcome Notes
Guest Talk	
08:55 -09:00	
Plenary Forum	
09:00-09:20	Title: Is Geopolymer's Really More Environment-Friendly Than Conventional Cement? Zhuguo Li, Yamaguchi University, Japan
09:25-09:45	Title: Aribau 195. Greening the city / Green cities / Sergi Carulla and Brian Gallagher, SCOB Architecture and Landscape, Spain
<b>Morning Session</b>	<b>Building Sustainable Future Cities   Future of Construction</b>
<b>Moderator</b>	Alicia Alvarez, Universitat Oberta de Catalunya, Spain
09:50-10:05	Title: Net-Zero/Carbon Neutral Buildings Now Albert Bicol, Alberto Bicol Consulting Inc., Canada
Coffee Break 10:15-10:35 @ Foyer	
10:35-10:50	Title: Offsite Building Technologies: Steel Construction Systems Ignacio Polite, Manni Green Tech, Spain
11:00-11:15	Title: Breaking Boundaries: Innovating Project Design for Future Success German De la Torre, Unispace, Spain
11:25-11:40	Title: Building Tomorrow: Digitalize the construction industry with AI algorithms and Robotic Riccardo Pagani, BIMon S.r.l., Italy
11:50-12:05	Title: Digital twin for building management Eneritz Barreiro Sánchez, TECNALIA Research & Innovation, Spain
<b>Afternoon Session</b>	<b>Smart and Sustainable Construction   Resilient Building Design and Materials</b>
<b>Moderator</b>	Juan Carlos Cabrero, Francisco de Vitoria University, Spain
12:15-12:30	Title: Building Performance Russell Gilchrist, Gensler, UK
12:40-12:55	Title: Energy Efficiency and Environmental Impact Asieh Mirafzali, BelkaBelka, Germany
Lunch Break 13:05-13:50 @ Hotel Restaurants	
13:50-14:05	Title: ESCO - EPC model / comprehensive integrated home renovation service (IHRS) as an integral building de carbonization solution Alvaro Martinez, EOS Energy, Spain
14:15-14:30	Title: Is efficiency the right path to sustainability? Dirk Krutke, UCH HafenCity University Hamburg, Germany
14:40-14:55	Title: Digital strategies and challenges for a data-driven, early-stage EC quantification Matteo Orsi, Morris+Company, UK
<b>Evening Session</b>	<b>Digital Transformation in Construction   Building Information Modeling</b>
<b>Moderator</b>	Jerónimo van Schendel Erice, Bildia, Spain
15:05-15:20	Title: BIM methodology applied to structural analysis for the preservation of built heritage Leonardo da Silveira Pirillo Inojosa, University of Brasília, Brazil
15:30-15:45	Title: The future is now: How automation is disrupting the project lifecycle today Jaimie Johnston, Bryden Wood, UK
Coffee Break 15:55-16:15 @ Foyer	
16:15-16:30	Title: Genetic architecture: Innovation in Architecture trough genetic perspective César Frías Enciso, Morph Estudio, Spain
16:40-16:55	Title: Bildia: AI predictive modelling to estimate cost, cash flow and carbon footprint in construction and real estate projects Jerónimo van Schendel Erice, Madrid Metropolitan, Spain
17:05-17:20	Title: Digital Transformation at Heatherwick studio: A 10-year journey Alfonso Monedero, Heatherwick Studio, UK
17:30	End of Day 1

Day 2	
14-May-24	
08:30-09:00	Registrations
Meeting Room: Tibidado	
Plenary Forum	
09:00-09:20	Title: Cities of Tomorrow: Trends Reshaping Our Urban Future <b>Maria Tasada</b> , Gensler, USA
09:25-09:45	Title: Designing low carbon Data Centres via Modern Methods of Construction <b>Pablo Gugel</b> , Bryden Wood, UK
Morning Session	Civil and Structural Engineering   Fabrication Engineering, Construction Process
Moderator	Sergio Pons Ribera, CESI, France
09:50-10:05	Title: The Changing World of U.S. Construction: A Long View <b>Mark Erlich</b> , Harvard Law School, USA
Coffee Break 10:15-10:35 @ Foyer	
10:35-10:50	Title: A comparison of the use of traditional glazing and a novel Concentrated Photovoltaic Glazing (CoPVG) for building solar gain analysis using IESVE <b>Roma Chang</b> , Ulster University, UK
11:00-11:15	Title: Strategies for Decarbonization of Construction through Offsite Construction and Automation <b>Diego Freire Coloma</b> , Zero Housing, Spain
11:25-11:40	Title: Revolutionizing Construction: Efficiency and Sustainability through Automation <b>Rodion Shishkov</b> , FunkFlow, Serbia
11:50-12:05	Title: Simulation & Optimization of Construction Planning using AI <b>Luis Martinez</b> , Frontline, Singapore
Afternoon Session	Data-Driven Construction: Predictive Modelling, and AI for Project Success
Moderator	Bárbara Recio Pelayo, Workplace Strategy Consultancy, Spain
12:15-12:30	Title: BIM for Construction, real case application <b>Claudio Vittori Antisari</b> , Strategie Digitali, Italy
12:40-12:55	Title: The journey between Data Visualisation and Digital Twins in UK Building Safety <b>Alozie ohuonu</b> , London Borough of Camden, UK
Lunch Break 13:05-13:50 @ Hotel Restaurants	
13:50-14:05	Title: J-Selaras: A New Rationalization Model for Bill of Quantity (BQ) in Project Tendering Process <b>Mohd Nasir Saari</b> , Public Works Department of Malaysia, Malaysia
14:15-14:30	Title: Dataset for the cost estimation of the building envelope in the Northern Region of Morocco <b>Ettoumi Youssef and Romani Zaid</b> , National School of Architecture, Morocco
14:40-14:55	Title: Landscape information management and sustainable development in architecture <b>Isabella Bhoan</b> , WW+P, UK
Evening Session	Precast Construction Technology, Architectural Design and Planning
15:05-15:20	Title: Circularity as an ecosystem in the built environment <b>Kim Gault &amp; Andrew Parkin</b> , Cundall, UK
15:30-15:45	Title: Resource based engineering – Towards a circular construction industry <b>Mark van Ommen and Wouter Moorlag</b> , TNO, Netharland
Coffee Break 16:00-16:20 @ Foyer	
16:15-16:30	Title: Are Alpine Photovoltaic Systems too expensive? <b>Rudolf Rechsteiner</b> , ETH Zurich, Switzerland
16:40-16:55	Title: Still Room for the Architect? <b>Robert Kloosterman</b> , University of Amsterdam, Netherlands
17:00-17:15	Title: Performance study of displacement transducers for timber material under compression tests using photogrammetric approach <b>Ahmed Mohamed</b> , Edinburgh Napier University, UK
17:20	End of Conference & Closing Ceremony
NOTE: Program Schedule is subject to change with final allotment of the speaker slots	
For more Details PS: <a href="https://buildtechweek.peoplevents.uk/">https://buildtechweek.peoplevents.uk/</a>	
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