

International Conference on Infrastructure and Construction Engineering

May 18-20, 2026 | Madrid, Spain

Day 1 | May 18, 2026

Chair	Pablo Casal Herrera , Contract Manager for Real Estate Development at Microsoft, Spain	
Co-Chair	Andrea Gonzalez , Head of the Smart Building Management Competence Group at Zurich University of Applied Sciences, Switzerland	
09:00 - 09:30	ON SPOT REGISTRATIONS	
Plenary Presentations		
09:30 - 10:10	P	<p>Title: Under Sustainable Transportation, Reducing the Carbon Footprint in Transport Systems.</p> <p>Jaime Boris Irahola - <i>Senior Project Manager at HDR, USA</i></p>
10:10 - 10:50	P	<p>Title: Machine Learning-Based Prediction of Critical Shear Stress of Lean Clay Soil at Two Bridge Sites in Illinois Using Experimental and Augmented Data</p> <p>Abdolreza Osouli - <i>Southern Illinois University Edwardsville, USA</i></p>
10:50 - 11:30	P	<p>Title: Engineering Assessment of Cut Slope Condition and Risk of Slides Along Road Corridors Under Construction</p> <p>Anastasios Mouratidis - <i>Aristotle University of Thessaloniki, Greece</i></p>
11:30 - 11:45	Refreshment Break	
Plenary Presentations		
11:45 - 12:25	P	<p>Title: Urban Past in the Present: Shkodra's Former Plan and Its Role in Today's Development</p> <p>Endrit Tuzi - <i>Polytechnic University of Tirana, Albania</i></p>
12:25 - 13:05	P	<p>Title: Effects of Damaged SFRM Insulation on Fire Performance and Residual Capacity of Steel Special Moment Frame Connections</p> <p>Heath Kaufman - <i>The Citadel, the Military College of South Carolina, USA</i></p>
13:05 - 14:05	Group Photo & Lunch Break	
Keynote Presentations		

14:05 - 14:35	K	Title: Advanced Evaluation of Green Roof Systems Within Low Impact Development Frameworks: Enhancing Urban Hydrological Performance and Environmental Resilience
		Saeid Dalvand - <i>SCICO, Iran</i>
14:35 - 15:05	K	Slot Available
15:05 - 15:35	K	Title: Ground Response to the Combined Use of Pipe-Jacking and Horizontal Directional Drilling
		Providence Habumuremyi - <i>Fuzhou University, China</i>
15:35 - 15:50	Refreshment Break	
15:50 - 16:20	K	Title: Will be updated soon
		Danial Mohammadzadeh - <i>Sajad university of Mashhad, Iran</i>
16:20 - 16:50	K	Title: An Analysis of the Smart Cities Mission: A Paradigm for Urban Infrastructure Planning in India
		Debashis Sanyal - <i>National Institute of Technology Raipur, India</i>
16:50 - 17:20	K	Title: Restoration of the Moorish Pavilion and Architectural Complex of Manguinhos, in Rio de Janeiro, Brazil
		Benedito Tadeu de Oliveira - <i>Senior Researcher, Oswaldo Cruz Foundation (Fiocruz), Brazil</i>
17:20 - 17:50	K	Slot Available
Poster Presentations		
17:50 - 18:00	Poster	Title: Exploration of Devulcanized Rubber and Lignin-Enhanced Composites for Future Infrastructure Applications: A Material Design Approach
		Ján Kruželák - <i>Slovak University of Technology in Bratislava, Slovakia</i>

End of the Day 1

Day 2 | May 19, 2026

Plenary Presentations

09:30 - 10:10	P	Title: The Interactive Effects of Loading Characteristics and Index Properties on the Resilient Response of Unbound Aggregates in Base and Subbase
		Abdolreza Osouli - <i>Southern Illinois University Edwardsville, USA</i>

10:10 - 10:50	P	Title: Engineering Coastal Resilience Under Extreme Environmental Exposures
		Sam X. Yao - <i>Simpson Gumpertz & Heger, USA</i>
10:50 - 11:30	P	Title: Closing the Integration Gap: iPaaS as the Connective Fabric for Data Flow Across the Built Environment Lifecycle
		Nefertari Carranza - <i>Founder & CEO of NCON, Spain</i>
11:30 - 11:45	Refreshment Break	
Plenary Presentations		
11:45 - 12:25	P	Title: Enhancing Efficiency and Reducing Computational Time in Free Vibration Analysis of Plates Using a Hybrid Element Free Galerkin–Finite Strip Method
		Hamed Mousavi - <i>Kermanshah University of Technology, Iran</i>
12:25 - 13:05	P	Title: Operationalizing Simulation-Based Decision Support for Investment Decision-Making in Smart Building Portfolios: Empirical Evidence for ESG- and Efficiency-Oriented Real Estate and Facility Management
		Andrea Gonzalez - <i>Zurich University of Applied Sciences, Switzerland</i>
13:05 - 14:05	Group Photo & Lunch Break	
Plenary Presentations		
14:05 - 14:45	P	Title: The Yield Engine for the Real Estate Development
		Pablo Casal Herrera - <i>Contract Manager for Real Estate Development at Microsoft, Spain</i>
14:45 - 15:25	P	Title: The Use of AI in Predicting Disasters Such As Sudden Storms
		Esraa Daoud - <i>University Polytechnic of Valencia, Spain</i>
15:25 - 16:05	P	Title: The Evolution of Sustainable Practices in Canada’s Construction Sector
		Faisal Arain - <i>CEO and Co-founder of AM Management Global Inc. Canada</i>
16:05 - 16:20	Refreshment Break	
16:20 - 16:50	P	Title: Will be updated soon
		Munir D. Nazzal - <i>University of Cincinnati, USA</i>
Keynote Presentations		
16:50 - 17:20	K	Title: Need of Modular Prefabricated Industrialized Housing in Indian Building Construction Sector

		Debashis Sanyal - <i>National Institute of Technology Raipur, India</i>
17:20 - 17:50	K	Title: Performance Evaluation of 71 Town Water Utilities in Ethiopia, 2025
		Lulit Negash Gebre - <i>Ethiopian Urban Water and Sanitation Federation, Ethiopia</i>
Poster Presentations		
17:50 - 18:00	Poster	Slot Available

End of the Day 2