

International Summit on Infrastructure and Construction Engineering

August 26-28, 2024 | Valencia, Spain

DAY 1 | AUGUST 26, 2024

Tentative Program Conference Agenda

09:30-10:10 — **P** — Title: Tall Building Design and Infrastructure
Abbas Aminmansour, University of Illinois, USA

10:10-10:50 — **P** — Title: Novel Metaheuristic Optimization Algorithms for Solving
Engineering Optimization Problems
Min-Yuan Cheng, National Taiwan University of Science and
Technology, Taiwan

10:50-11:05

REFRESHMENT BREAK

11:05-11:45 — **P** — Title: Will be updated soon
Lloyd Foster, Foster Colley Enterprises, USA

11:45-12:25 — **P** — Title: Modular Construction Planning with the help of Conversation AI
Olga Regina Šostak, Vilnius Gediminas Technical University, Lithuan

12:25-13:05 — **P** — Title: From BIM to Digital Twin: A Perspective from Smart Construction
Safety Mangement
Ren-Jye Dzung, National Yang Ming Chiao Tung University, Taiwan

13:05-14:05

GROUP PHOTO, LUNCH BREAK

14:05-14:45 — **P** — Title: Beyond Seismic Isolation: Design and Construction for Continued
Post-Earthquake Functionality of Building Structures and Infrastructure
Ady Aviram, Regional Director-Europe at Earthquake Protection
Systems, Inc., USA

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14:45-15:15 — **K** — Title: Durability of Concrete Structures through Integral Waterproofing Technologies
Maher Al-Jabari, Palestine Polytechnic University, Palestine

15:15-15:45 — **K** — Title: Will be updated soon
Ahmad Gaber Shidied Ibrahim, Former President of Fayoum University, Egypt

15:45-16:15 — **K** — Title: Monitoring Summer Outdoor-Indoor Temperature and Its Impact on Comfort and Health in Cincinnati Single Family Housing
Debanjali Banerjee, University of Cincinnati, USA

16:15-16:30

REFRESHMENT BREAK

16:30-17:00 — **K** — Title: Will be updated soon
Daniel Odion, Ascension Construction Solutions, USA

17:00-17:30 — **K** — Title: Abacus Modeling of High-Rise Structures under the Influence of Natural Disasters
Bashir Saleh, Head of the Building Department at Tripoli's Libyan Academy, Libya

17:30-18:00 — **K** — Title: Reinventing Infrastructure Repair and Maintenance
Ana Blanco Alvarez, Loughborough University, UK

Closing the Conference Day 1

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DAY 2 | AUGUST 27, 2024

09:30-10:10 — **P** — Title: Suspension Bridge Design and Maintenance
Khaled Mahmoud, Chief Bridge Engineer for BTC, USA

10:10-10:50 — **P** — Slot Available

10:50-11:05

REFRESHMENT BREAK

11:05-11:45 — **P** — Title: aging infrastructure
Andrew Townsend, Professor of Construction and Construction law,
England

11:45-12:25 — **P** — Slot Available

12:25-12:55 — **K** — Title: Smart Sensor Technologies for Structural Health Monitoring
Yi Bao, Director at Smart Infrastructure Laboratory, USA

12:55-13:55

GROUP PHOTO, LUNCH BREAK

13:55-14:25 — **K** — Title: Asset Management and Performance Measures
Omar Smadi, Iowa State University, USA

14:25-14:55 — **K** — Title: Will be updated soon
Johan Tapia Bueno, Instituto Nacional de Administracion Publica,
Dominican Republic

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14:55-15:25 — **K** — Slot Available

15:25-15:55 — **K** — Title: Digital Transformation Trends in Indian AEC Sector
Amarnath CB, India BIM Association Chairman, India

15:55-16:10

REFRESHMENT BREAK

16:10-16:35 — **I** — Title: Marine Structures
Leili Javidannia, GeoEngineers Inc., USA

16:35-17:00 — **I** — Title: Bio-binder of Animal Origin as a Thermo-Acoustic Insulator
David Mauricio Andrade Gutierrez, Polytechnic University of Madrid, Spain

17:00-17:25 — **I** — Slot Available

17:25-17:50 — **I** — Title: Dynamic and Cyclic Behavior of Marine Calcareous Soils
Hamed Javdanian, Shahrekord University, Iran

17:50-18:15 — **I** — Slot Available

Closing the Conference Day 2

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