Scientific Program

International Conference on
Infrastructure and Construction

October 11-12, 2019 | Dubai, UAE

Scientific Federation
Panjagutta, Hyderabad, Telangana-500082, India
Day 1 October 11, 2019

Al Gazelle

08:00-09:00  Registrations
09:00-09:15  Introduction & Opening Words

Plenary Forum

9:15-10:00  Title: Building Software and Big Data: Thoughts on the Future of the Building Practices
            Winifred E Newman, Clemson University, United States

10:00-10:45 Title: Trip – Transferring Research into Practice Utilizing a Global Model
                  Tom Iseley, Trenchless Technology Center, Louisiana Tech University, USA

Refreshments Break 10:45-11:00 @ Foyer

11:00-11:45 Title: Design Methodology for Outdoor Thermal Comfort: Achievable, Thermal Environment Modeling, and Thermal Popularity
                  Jianlei Niu, The Hong Kong Polytechnic University, China

Keynote Forum

11:45-12:25 Title: Multi-Objective Optimization of Wind-Excited Linked Tall Buildings Considering the Structural and Aerodynamic Couplings
                   Tim K.T. Tse, The Hong Kong University of Science and Technology, Hong Kong

12:25-13:05 Title: Remote Sensing Photogrammetry Technology for Ground Deformation Monitoring
                   Siau Chen Chian, National University of Singapore, Singapore

Group Photo

Lunch Break 13:10-14:00  @ Restaurant

14:00-14:40 Title: Modern Approach for Designing Steel Beams for Lateral Torsional Buckling
                   Magdi Mohareb, University of Ottawa, Canada

Invited Talks


Session Chair  Jianlei Niu, The Hong Kong Polytechnic University, Hong Kong
Session Co-chair  Ressol R. Shakir, University of Thi-Qar, Iraq

14:40-15:10 Title: Using Salt in Productive and Resorative Ways for Green Construction and Renewable Energy
                   Anwaar Bani Salman, Jordan University of Science and Technology, Jordan

15:10-15:40 Title: Using Salt in Productive and Resorative Ways for Green Construction and Renewable Energy
                   Rasha Abuolaim, Jordan University of Science and Technology, Jordan

15:40-16:10 Title: Performance of Highly Modified Asphalt Pavements
                   Elie Y. Hajj, University of Nevada, United States

Refreshments Break 16:10-16:25 @ Foyer
Title: Safe Dynamic Behavior of Coupled Tunnel - Soil - Aboveground Structures
Maria Rossella Massimino, University of Catania, Italy

Title: Evaluation of Bearing Capacity for Pile Foundation Based on SPT and CPT Measurements Using Various Method
Ressol R. Shakir, University of Thi-Qar, Iraq

Title: Fresh, Mechanical, Durability and Corrosion Properties of Basalt Fiber Reinforced Concrete
Ahmed Ibrahim, University of Idaho, Moscow

Closing the Conference for the Day 1

Day 2 October 12, 2019

Plenary Forum

09:15-10:00 Title: Sustainable and Durable Materials for Accelerated Construction
Mohsen A. Issa, University of Illinois, Chicago, USA

Keynote Forum

10:00-10:40 Title: The Future of Infrastructure: Making The Most of New Sensing Techniques and Data Integration
Ian Jefferson, University of Birmingham, United Kingdom

10:40-11:20 Title: Recycled Post-Consumer Glass Pozzolan – A Sustainable Cementitious Material for Concrete
Julio F. Davalos, The City College of New York, USA

Invited Talks

11:35-12:05 Title: Climate Change and Decentralized Renewable Energy: The Role of Energy Efficiency in Smart Cities
Gabriella De Maio, University of Studies Federico II, Italy

12:05-12:35 Title: Building Information Modeling in Enhancing Fire Safety in Buildings
Kalani C. Dahanayake, City University of Hong Kong, Hong Kong

12:35-13:05 Title: Changing Strategies in Public Infrastructure Procurement and Contract Management Resulting from Extended Payment Periods and Contractor Plights
Gabriel Nani, Kwame Nkrumah University of Science and Technology, Ghana

13:05-13:35 Title: Buckling Analysis of Tapered Continuous Columns Using Modified Buckling Mode Shapes
Sina Tousi, Amirkabir University of Technology, Iran

Lunch Break @ Restaurant

Poster Presentations

P-001 Title: Modified Lightweight Concrete on a Glassy Aggregate Made of Industrial Wastes
Zh. S. Nuguzhinov, Karaganda State Technical University, Kazakhstan

End of the Conference
Bookmark Your Dates

2nd International Conference on Infrastructure and Construction

October 15-16, 2020 | Lisbon-Portugal