Scientific Program

2nd International Congress on
Urban & Civil Engineering

October 21-22, 2019 | Bangkok, Thailand

Scientific Federation
Panjagutta, Hyderabad, Telangana-500082, India
Day 1 October 21, 2019

Main Hall

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

Plenary Forum

9:15-9:55  Title: Moving Beyond the Romans: Deep Learning and Roadway Maintenance
Mark DeSantis, RoadBotics, Inc., USA

9:55-10:35  Title: Enhancing Sustainability Practices in Construction: A perspective from Canadian Construction Industry
Faisal Arain, Niagara College, KSA

10:35-11:15  Title: New Technologies for Concrete Structures
Yu-Fei Wu, RMIT University, Australia

Refreshments Break 11:15-11:30 @ Foyer

11:30-12:10  Title: Utilization of Selected Bamboo Species as a Sustainable Alternative Economical Materials For Constructions And Civil Engineering Works
Cesario A. Bacosa Jr, Western Philippines University, Philippines

12:10-12:40  Title: The Role of Sustainable Development Goals in Achieving the Saudi Vision 2030
Majed Mustafa Hallawani, King Saud University, Saudi Arabia

12:40-13:20  Title: Asset Management: Inventory, Decision Making, and Investment Decisions
Omar Smadi, Iowa State University, USA

13:20-13:25  Group Photo

Lunch Break 13:25-14:10 @ Restaurant

Keynote Forum

14:10-14:40  Title: Estimation of Riyadh Storm Water and its Possible Reuse
Abdulaziz. Al-Turbak, King Saud University, Saudi Arabia

14:40-15:10  Title: Implication of behaviours of piled raft foundations on clay observed in small-scale experiments
Tatsunori Matsumoto, Kanazawa University, Japan

15:10-15:40  Title: Signal-Controlled Network Designswith Short Lanes using TRANSYT 15's CTM Module And Lane-based Optimization for Coordinated Traffic Signal and Network Configuration Designs
CK Wong, City University of Hong Kong, Hong Kong

15:40-16:10  Title: EEC, Big Plans, Big Dreams: Eastern Economic Corridor Development, Thailand
Kasama Polakit, Chiang Mai University, Thailand

Refreshments Break 16:10-16:25 @ Foyer
### Oral Talks

**Session Chair**: Faisal Arain, Makkah Campus, Niagara College Canada, KSA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>16:25-16:50</td>
<td><strong>Title</strong>: Sliding Seismic Fuse System for Controlled Response of Houses Founded on Thermal Insulation</td>
<td>Vojko Kilar</td>
<td>University of Ljubljana, Slovenia</td>
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<tr>
<td>16:50-17:15</td>
<td><strong>Title</strong>: The Role of Municipalities in Reducing Environmental Pollution in Cities</td>
<td>Ziad Alameddine</td>
<td>King Saud University, Saudi Arabia</td>
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<td>17:15-17:40</td>
<td><strong>Title</strong>: Evaluation of Benefit and the Effectiveness Improvement on Long-Term Infiltration for Bioretention Cells</td>
<td>Chia-Chun Ho</td>
<td>National Taiwan University of Science and Technology, Taiwan</td>
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<td>17:40-18:05</td>
<td><strong>Title</strong>: A Generalized Adaptive Framework for Automating Design Review Process</td>
<td>Nawari. O. Nawari</td>
<td>University of Florida, USA</td>
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<td>18:05-18:30</td>
<td><strong>Title</strong>: Application of FRP Composites to Improve Service Life of Timber Bridges</td>
<td>Vijaya Gopu</td>
<td>University of Louisiana, USA</td>
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*End of the Conference*
Bookmark Your Dates

3rd International Congress on

Urban & Civil Engineering

October 19-20, 2020 | Porto, Portugal