Creative Construction Conference 2016
June 25 - 28, 2016 - Budapest, Hungary
Detailed Program
Saturday - June 25, 2016

9:00 - 9:15 Welcome and introductions: Milnits Hopja, Chair of the International Organizing Committee (Lecture hall: Star Auditorium)

9:15 - 10:00 Keynote Speech 1

10:00 - 10:30 Coffee break - Disperse to sessions

10:30 - 11:30 Creative Management: Alfredo Serpell (Lecture hall: Star Auditorium)
  - Borja García de Soto, Bryan T. Adley
  - Preliminary Resource-based Estimates Combining Artificial Intelligence Approaches and Traditional Techniques
  - Christian Nordahl-Rollum, Christoph Merschbrock
  - A IM Based Approach for Quality Supervision of Construction Projects

11:45 - 12:45 Coffee break

12:45 - 13:45 Creative Management: Miklós Hajdu (Lecture hall: Jasmine I.)
  - J. Mark Taylor
  - B Corporations – Hope or Hype?

13:45 - 14:45 Technical break

14:45 - 15:45 Creative Management: István Hajnal (Lecture hall: Star Auditorium)
  - Edgar P. Snell, Marwa Basar
  - Examination of Job-Site Layout Approaches and their Impact on Construction Job-Site Productivity

15:45 - 16:45 Keynote Speech 2

16:45 - 18:00 Creative Management: Augustin Purnus (Lecture hall: Star Auditorium)
  - Matthew A. Tibbs, Scott W. Kramer
  - Market Penetration and the Incentives of Residential Solar Electricity in the United States

18:00 - 21:00 Reception

Sunday - June 26, 2016

9:00 - 9:15 Welcome and introductions: Igal M. Shohet, Chair of the International Organizing Committee (Lecture hall: Star Auditorium)

9:15 - 10:15 Sustainable Construction: Mario Vanhoucke (Lecture hall: Jasmine I.)
  - Sustainable Construction: Mario Vanhoucke
  - How Many Types of Critical Activities Exist? - A Conjecture that Needs a Proof

10:15 - 10:30 Coffee break

10:30 - 11:30 Creative Scheduling for Construction: Augustin Purnus (Lecture hall: Jasmine I.)
  - Christy Chan, Bridge Maintenance Automation
  - Energy Efficiency Housing in South Australia – A Case Analysis between the Expected and Actual Benefits

11:45 - 12:45 Creative Scheduling for Construction: Žiga Turk (Lecture hall: Jasmine I.)
  - Žiga Turk
  - Responsible Research and Innovation in Construction

12:45 - 13:45 Lunch
Creative Construction Conference 2016
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Monday - June 27, 2016

9:15 10:00  Opening Session

10:00 10:30  Creative Management: Augustin Purnus (Lecture hall: Star Auditorium)

Gul Polat, Bevin Niefal Bengel, Ask Pelin Gurgun, Bulent Yel
Comparison of ANN and MMA Approaches to Estimate Bid Mark-Up Size in Public Construction Projects

10:00 11:15  Sustainable Construction: Analea Ieas (Lecture hall: Jasmine I)

Haiman Chen, Xiaowei Luo
Severity Prediction Model of Falling Risk for Workers at Height

10:00 11:00  Automation and Robotics in Construction: Miroslaw Skibniewski (Lecture hall: Jasmine II)

Igol M. Shchet, Lorenzo Gaboccio
On-Site Mobile Application for Command, Control and Communication of Safety and Quality

12:00 14:00  Excursion to Visegrád with Lunch

14:00 14:15  Thomas Strosha, Vino Misra, Olam Bortmichael, Michael Kippenal, Borja Garcia de Soto
Implementation of Scrum in the Construction Industry

14:00 15:30  S. Jeanwille Smallwood
Exploratory Factor Analysis of Employee’s Actions towards Health and Safety Compliance in Construction

14:00 15:30  John Smallwood, Freda Emue
Towards Zero Fatalities, Injuries, and Disease in Construction

15:30 16:00  Lunch

16:00 16:15  Keynote Speech 4

Ioannis Brilakis: Virtualizing Infrastructure

16:00 17:15  Creative Management: Borja Garcia de Soto (Lecture hall: Star Auditorium)

Renay V. Benringer, Justice N. Agumbi, Olaweynsho Abdul Bahagun
Drivers for and Obstacles to Enterprise Risk Management in Construction Firms; A Literature Review

16:00 17:15  Sustainable Construction: John Smallwood (Lecture hall: Jasmine I)

Mark Taylor, Kelli A. Polzin, Scott W. Kramer
Passive House Performance Standards and Climate Considerations

16:00 17:15  Automation and Robotics in Construction: Ioannis Brilakis (Lecture hall: Jasmine II)

Pablo Oríñuela, Jorge Oríñuela, Santiago Pacheco
Information and Communications Technology in Construction: A Proposal for Production Control

19:00 22:00  Gala Dinner on the Széchenyi Boat

Tuesday - June 28, 2016

8:15 10:00  Opening Session

10:00 10:30  Creative Management: Borja Garcia de Soto (Lecture hall: Star Auditorium)

Bernard Martin Anthos-Aiko, Clinton D. Agalgvuoe, Wellington Didibhuku Thwala
Atitudes of Owners which Impede Firm’s Growth: A Case of Small and Medium-sized Construction Firms in Ghana

10:00 11:15  Sustainable Construction: Analea Ieas (Lecture hall: Jasmine I)

Igol M. Shchet, Lorenzo Gaboccio, Irene (Rina) Wasserman
Classification of “T” - shaped Glass Columns

10:00 11:15  Automation and Robotics in Construction: Ioannis Brilakis (Lecture hall: Jasmine II)

Eivind Johnsen, Magnus Nilsen, Eilif Hjelseth, Christoph Merschbrock
Ontology-based Emergency Plan Management of Metro Operation and its Application in Staff Training

12:00 14:00  Excursion to Visegrád with Lunch

14:00 14:15  Rozzi Zond Doubr, Ehsan Amansareh
Identifying Success Factors of Healthcare Facility Construction Projects in Iran

14:00 15:30  Brazilian Construction Technology and Materials: Ricardo Palacio (Lecture hall: Jasmine I)

Bas Naskoadis, Elenkaepetra Petrouatsou
A Thematic Review of Main Researches on Construction Equipment over the Recent Years

14:00 15:30  Automation and Robotics in Construction: Ioannis Brilakis (Lecture hall: Jasmine II)

Analí Jakab, Kinga Nezha, Salem Georges
Classification of “t” - shaped Glass Columns

15:30 16:00  Lunch

16:00 16:15  Keynote Speech 5

Haiyan Fong, Baoza Zhang
Ontology-based Emergency Plan Management of Metro Operation and its Application in Staff Training

16:00 17:15  Creative Management: Borja Garcia de Soto (Lecture hall: Star Auditorium)

Ayodej E. Oko, Clinton D. Agalgvuoe, Emen M. Odi
Human Resource Management Practices in Quantity Surveying Firms

16:00 17:15  Sustainable Construction: John Smallwood (Lecture hall: Jasmine I)

Ulysses L. García, Scott W. Kramer
The Use of Reclaimed Rain Water in U.S. Cities and USADE Installations

16:00 17:15  Automation and Robotics in Construction: Ioannis Brilakis (Lecture hall: Jasmine II)

Nokulunga Mashwama, Amani Alkalbani
Use of Recycled Plastic Water Bottles in Concrete Blocks

19:00 22:00  Gala Dinner on the Széchenyi Boat

Tuesday - June 28, 2016