

Tuesday, April 7, 2009

Tuesday, April 7, 2009						
TUESDAY	8:00 AM TO 9:00 AM	BREAKFAST AND PRESENTATION (sponsored by GLY Construction) 8:00 a.m. - 9:00 a.m.				
	9:00 AM TO 10:00 AM	Session TUE 1A <i>Automated/Real-Time Systems for Project Control</i>	Session TUE 1B <i>Operations, Productivity, and Workforce Issues</i>	Session TUE 1C <i>Project Planning and Control</i>	Session TUE 1D <i>Infrastructure Management and Disaster and Management</i>	Session TUE 1E <i>Procurement and Contracting</i>
		Ioannis Briklakis Georgia Tech	Ken-Yu Lin University of Washington	Tarek El-Diraby University of Toronto	Lucio Soibelman Carnegie Mellon University	Bill O'Brien University of Texas
		Visualization Application for Interior Progress Monitoring in 3D Environment (Roh, Pena-Mora, Golparvar-Gard, and Han)	3D-GIS Based Earthwork Planning System for Productivity Improvement (Kang, Seo, and Baik)	Application of the Resource-Constrained Critical Path Method to Multiple Calendars and Progressed Schedules (de al Garza and Kim)	The Impacts of Infrastructure PPPS ON Public Sector Capacity (Jooste and Levitt)	Factors Affecting Litigation Outcomes of Differing Site Conditions (DSC) Disputes: A Logistic Regression Models (LRM) (Mahfouz and Kandil)
		Project Information Management in Mega Oils Sands Projects (Han and Froese)	Surveying Methods for Bilingual Construction Workers (Brummett and Nobe)	Validating Renovation Phasing Schedules using 4D Model Based Methods (Ho and Fischer)	Automated Defect Detection in Urban Wastewater Pipes using Invariant Features Found in Video Images (Guo, Soibelman and Garrett Jr.)	Study of Less Than Average Bid Method (Awwad and Ioannou)
	Validation of Vision Tracking at Egnatia Odos Motorway (Cordova, Sideris, Briklakis, and Angelides)	Overtime and Productivity in Electrical Construction (Hanna and Haddad)	Mapping Actors and Roles in Construction Knowledge (Zhang and El-Diraby)	Real-Time Concrete Damage Visual Assessment for First Responders (Zhu, Briklakis, and Parra-Montesinos)	Investigation of Supply Chain Management Practices in Industrial Projects: State of Practices vs. State of Knowledge (Azambuja and O'Brien)	
	10:00 AM TO 10:15 AM	BREAK				
	10:15 AM TO 11:15 AM	Session TUE 2A <i>Technologies to Improve Project Planning, Design & Construction</i>	Session TUE 2B <i>Project Risks and Safety</i>	Session TUE 2C <i>Project Planning and Control</i>	Session TUE 2D <i>Lean Construction</i>	Session TUE 2E <i>Construction Simulation</i>
		Mohamed Al-Hussein University of Alberta	Tarek Zayed Concordia University	Eddy Rojas University of Washington	Yong-Woo Kim University of Washington	John Taylor Columbia University
		Integrated Module for Mobile Crane Dynamic Instability Analysis and Supporting System Design (Hasan, Al-Hussein, Hermann, and Safouhi)	A Prediction Model for Construction Project Time Contingency (Mohamed, Srour Tabra, and Zayed)	Life-Cycle Assessment of Titanium Dioxide Coatings (Hassan)	How to Lower the River to Reveal the Rocks Without Putting A Hole in Your Boat (Ballard)	Integrated Simulation-Based Scheduling for Module Assembly Yard (Taghaddos, AbouRizk, Mohamed, and Hermann)
		Nanotechnology: Benefits, Barriers, and Impact on Construction (Venugopal, J. Teizer, and W. Teizer)	Project Risk Identification Methods for Construction Planning and Execution (Batson)	Understanding Collaborative Working Processes of Temporary Project Teams in Large-Scale Construction Projects (Son and Rojas)	Production Flow in the Construction of Tall Buildings (Sacks and Partouche)	Integrating Agent-Based Simulation with Game Theory to Investigate the Hold-up Problem in Project Networks (Unsal and Taylor)
	Ontology-Based, Semi-Automatic Framework for Storing and Retrieving On-Site Construction Problem Information - An RFID-Based Case Study (Elghamrawy, Boukamp, and Kim)	Supporting Market Entry Decisions for Global Expansion using Real Option+Scenario Planning Analysis (Kim, Kim, Park, and Han)	An Approach to Classifying Uncertainties in Construction Schedules (Phillips, Bogus, and Ross)	Assessing the Environmental Impacts of Lean Supply System: A Case Study of Rebar Supply in High-Rise Condominium Construction Projects (Bae and Kim)	Planning Temporary Hoists for Building Construction (Hwang)	
	11:15 AM TO 11:30 AM	BREAK				
	11:30 AM TO 12:30 PM	Session TUE 3A <i>Research Methods</i>	Session TUE 3B <i>Technologies to Improve Project Planning, Design & Construction</i>	Session TUE 3C <i>Education</i>	Session TUE 3D <i>Organizational Leadership and Management</i>	Session TUE 3E <i>Sustainable Construction and Facilities</i>
		Amlan Mukherjee Michigan Tech University	John Messner Penn State University	Leidy Klotz Clemson University	Kenneth Sullivan Arizona State University	Michael Horman Penn State University
Key Skills for Graduating Construction Management Students - A Comparative Study of Industry and Academic Perspectives (Farooqui and Ahmed)		Building Information Model: The Role and Need of the Constructors (Aslani, Griffiths, and Chiarelli)	Enhancing Construction Education with Contextual Service Learning (Fiori and Songer)	Use of A3 Reports to Focus Design and Construction Conversations (Parrish, Tommelein, and Ballard)	Adaptable and Visitable Housing: Affordable and Sustainable Changes (Johnson and Chen)	
Research Methods Associated with Situational Simulations in Construction (Mukherjee, Onder, and Rojas)		Developing Construction Network-Based Interface Management System (Lin)	A Balanced View of Sustainability in Civil Engineering and Construction (Klotz and Grant)	Creating Organizational Change: Minimizing Client Generated Construction Inefficiencies at the US Army Medical Command (J. Kashiwagi, Malhotra, Luna, D. Kashiwagi, and Sullivan)	Optimization Model for the Selection of Materials Using the LEED Green Building Rating System (Castro-Lacouture, Sefair, Florez, and Medaglia)	
Opinion-Based Research: Lessons Learned from Four Approaches (Sillars and Hallowell)	Improving Site Utilization Planning Through the Use of Interactive Workspaces (Leicht and Messner)	Improving Course Comprehension through Experiential Learning (Davis and Cline)	OPEN	Key Processes in the Building Delivery of Green Hospitals (Enache-Pommer and Horman)		
12:30 PM TO 1:30 PM	LUNCH AND PRESENTATION (Sponsored by Turner Construction)					
1:30 PM TO 2:00 PM	CONFERENCE CLOSURE					