

Saturday, April 4, 2009
 2:00 p.m. - 5:00 p.m. Registration
 5:00 p.m. - 7:00 p.m. Welcome Reception and Poster Presentation

Sunday, April 5, 2009
 7:00 a.m. - 8:00 a.m. Registration

SUNDAY	8:00 AM TO 9:00 AM	BREAKFAST AND OPENING PRESENTATION 8:00 a.m. - 9:00 a.m.					
	9:00 AM TO 10:00 AM	Session SUN 1A <i>Automated/Real-Time Systems for Project Control</i>	Session SUN 1B <i>Operations, Productivity, and Workforce Issues</i>	Session SUN 1C <i>Organizational Leadership and Management</i>	Session SUN 1D <i>Infrastructure Management and Disaster Management</i>	Session SUN 1E <i>Procurement and Contracting</i>	Session SUN 1F <i>Sustainable Construction and Facilities</i>
		Yong Bai University of Kansas	Ken-Yu Lin University of Washington	Giovanni Migliaccio University of New Mexico	Dulcy Abraham Purdue University	Amarjit Singh University of Hawaii	Amlan Mukherjee Michigan Tech
		An Automated Tool for Identifying the Implications of Changes in Construction Project (Navon and Isaac)	Towards Establishing an Innovativeness Index for Construction Sites (McCoy)	The Last Decade Analysis and the Near Future Trends in International Construction (Gunhan)	Risk Assessment for Water Mains using Fuzzy Approach (Fares and Zayed)	Unabsorbed Overhead: Eichleay and Other Methods (Singh and Taam)	Embodied Energy of CDW Recycling and Technical Metabolism Due to Regional Differences and Building Designs (Hermreck and Chong)
		Development of Human Pose Analyzing Algorithms for the Determination of Construction Productivity in Real-Time (Peddi, Huan, Bai and Kim)	The Relationship Between Information Technology and Construction Productivity: A View from Country-Level Data (Zhai and Goodrum)	Integrating Uncertainty Management in Strategic Planning Practices (Soetanto and Dainty)	An Automated System for Optimizing Temporary Housing Arrangement after Natural Disasters (El-Anwar, El-Rayes, and Elnashai)	Approaches for Structuring Concession Lengths and Toll Rates for Transportation Infrastructure PPPs (Gross and Garvin)	Sustainability for Advanced Technology Facilities (Chasey and Jain)
		Benefits and Barriers of Monitoring Construction Activities using Hi-Resolution Automated Cameras (Bohn and Teizer)	Evaluation of Work Zone Capacity Models (Hicks, McCabe, and Tighe)	Exploring the Learning Styles of the Construction Practitioners in Hong Kong (Wong, Cheung, and Lai)	Assessment of Impacts of High-Rise Buildings on the Electric and Transportation Infrastructures in Developing Countries (Peratta, Abraham and Manring)	Analyzing the Institutional Framework for Urban Public Private Partnerships in Indian States (Devkar, Mahalingam Kaldindi)	A Decision-Making Framework to Assess Stakeholder Value in Adoption of Sustainable Practices in Construction (Mukherjee and Muga)
	10:00 AM to 10:15 AM	BREAK					
	10:15 AM TO 11:15 AM	Session SUN 2A <i>Technologies to Improve Project Planning, Design & Construction</i>	Session SUN 2B <i>Project Risks and Safety</i>	Session SUN 2C <i>Project Planning and Control</i>	Session SUN 2D <i>Project/Process Integration and Improvement</i>	Session SUN 2E <i>Quantitative Methods</i>	Session SUN 2F <i>Construction Simulation</i>
		Janaka Ruwanpura University of Calgary	Takis Mitropoulos Arizona State	Cindy Menches University of Texas	Na Lu U.N.C. Charlotte	Bill O'Brien University of Texas	Simaan AbouRizk University of Alberta
		How to Determine Construction Project Rain Delay Times using Local Rainfall Databases in Asheville, NC (Ford, Patterson, and Sims)	Integrating Productivity and Safety Analysis with the Task Demand Methodology: A Case of Concrete Paving (Mitropoulos and Namboodiri)	Alignment Pre-Construction Planning and Project Management in the Electrical Construction Industry (Nasr and Menches)	The Current Use of Offsite Construction Techniques in the United States Construction Industry (Lu)	Progress Monitoring of Construction Projects using Neural Networks Pattern Recognition (Elazouni and Abdel-Wahhab)	Modeling Architecture for Hybrid System Dynamics and Discrete Event Simulation (Alvanchi, Lee, and AbouRizk)
		Virtual Supervision in Construction Projects (Silva, Ruwanpura, and Hewage)	Development of the STAR Tool for the Management of Shutdown/Turnaround/Outage Projects (Whittington and Gibson)	Multi-Objective Optimization of Resource Scheduling in Construction Projects (Jun and El-Rayes)	The Core of Eden: A Case Study on Model-Based Collaboration for Integrated Project Delivery (Ku)	Material Selection in Building Construction Using Optimal Scoring Method (OSM) (Sefair, Castro-Lacouture, Medaglia)	Alliance Team Selection for Infrastructure Projects using Monte Carlo Simulations (El-Asmar, Hanna, Chang, Russell)
		The Realities of Building Information Modeling for Collaboration in the AEC Industry (Dossick, Neff, and Homayoun)	Financial Model for Insuring Against Catastrophic Storm Risks (El-Adaway)	Automated CPM Schedule Generation for Early Project Planning: Methodology and Case Study (Jung, Lee, Woo, Yang, An, Oh, and Lee)	Forecasting Construction Manpower Demand: An Econometric Model (Wong, Ng, Chan, and Chiang)	Development of Project Level Engineering Productivity Benchmarking Index (Liao, Thomas, O'Brien, Muiva, and Dai)	Real-Time Simulation for Look-Ahead Scheduling of Heavy Construction Projects (Song, Cooper, and Lee)
	11:15 AM to 11:30 AM	BREAK					
	11:30 AM TO 12:30 PM	Session SUN 3A <i>Underground Construction</i>	Session SUN 3B <i>Research Methods</i>	Session SUN 3C <i>Project Risks and Safety</i>	Session SUN 3D <i>Research Methods</i>	Session SUN 3E <i>Procurement and Contracting</i>	Session SUN 3F <i>Sustainable Construction</i>
		Samuel Ariaratnam Arizona State University	Gunnar Lucko Catholic University	Keith Molenaar University of Colorado	Carrie Dossick University of Washington	Kenneth Sullivan Arizona State University	Angela Guggemos Colorado State University
		Horizontal Directional Drilling on the Snoqualmie River: A Case Study (Staheli and Ramos)	Visualization and Multimedia Applications in Cost Estimating Education (Karshenas)	Resilience Engineering: A New Approach for Safety Management (Schafar, Abdelhamid, Mitropoulos and Mrozowski)	Techniques for Evaluating Automated Knowledge Acquisition from Construct Documents (Al Qady and Kandil)	A New Approach to Contracting Design Professionals (Michael, Carey and Sullivan)	An Investigation of Real Option Theory to Evaluate Design, Procurement and Construction of Renewable Energy Facilities (Menassa and Pena Mora)
		Collaborative Tunneling Simulation using Synthetic Environments (AbouRizk, Hague, Bataineh, and Fernando)	Work Experience Impacts on Construction Management Students' Cognitions Related to Construction Waste Recycling (Nobe)	Identifying and Communicating Project Stakeholder Risks (Edwards, Bowen, Hardcastle, and Stewart)	Techniques to Minimize Bias When Using the Delphi Method to Quantify Construction Safety and Health Risks (Hallowell)	Mapping the Value Thread in Local Government Service Delivery in South Africa (Jay, Bowen and Cattrell)	Economic and Environmental Analysis of Residential Greywater Systems for Toilet Use (Glick, Guggemos, and Prakash)
	12:30 PM TO 2:00 PM	LUNCH AND PRESENTATION (Sponsored by Mortenson Construction)					
	1:30 PM TO 3:30 PM	YOUNG FACULTY PANEL DISCUSSION					
	1:30 PM TO 3:30 PM	TOMORROW'S FACULTY PANEL DISCUSSION					
	4:00 PM To 8:30 PM	BANQUET AND ENTERTAINMENT AT TILlicum VILLAGE					