The Fourth Annual USC BIM Symposium

**BIM ANALYTICS:**
Performance Based Design

**August 4, 2010**

Event Website: http://arch-pubs.usc.edu/bim-analytics/

**ARCHITECTURE+ENGINEER**

Building Information Modeling: BIM ANALYTICS
Karen Kensek, University of Southern California
Eve Shih-Hsien Lin, University of Southern California

Alternative BIM opportunities
Nick Antonuk, ARUP
Mark Gardiner, ARUP
Brian McLaughlin, ARUP

Rapid Energy Modeling
Michael Deo, Associate, Senior Energy Analyst, Energy Department Manager, LEED AP, Glumac
David Summers, Glumac
Tommee Xing, Glumac

**CONSTRUCTION**

BIM-Based Carbon Accounting, Clash Detection and Cost/Schedule Analysis (Tentative)
Joe Baffa, AIA, LEED AP, Vice President, Virtual Building and Design, Webcor Builders

BIM Execution Plan for Successful Model-based Analysis
Vishal Bhatnagar, Turner Construction

Unraveling the Model: Analysis of the Model Information, not just the Geometry
Darren Ross, LEED AP, BIM Manager, Suffolk Construction Company
Jocelyn Moldrup, Preanager, Suffolk

**PARAMETRICS/PERFORMANCE BASED OR ALGORITHMIC DESIGN**

Feedback Cloud: Tactics for Toolset Integration and Design Optimization
Noah Miller, Associate, NBBJ

ZERO-E: Automated ExoSkeletal Performance Simulation
Kurt Kamerer, Associate, Buro Happold

**INTEGRATION, STANDARDS, THE BIG PICTURE**

BIM Standards for San Diego CCD (Tentative)
Richard Horvitz, AIA, Partner, NTD Architecture
Lance Lowry, Design Architect, San Diego CCD

BIM+GIS the Whole Picture
Michael Rendall, AIA, Director of Architecture Studio @ LACCD

BIM interoperability and standards (Tentative)
Clint Goodnow, Irwin Partners Architects

Open BIM: Interoperability and the State of the Art of BIM
Jeffrey W. Chudburr, Associate, AIA, BIM Specialist, Nemetschek North America

**USC School of Architecture**

**USC DIA**

**郭普**

**PH DIA**

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Coming next year: BIM PARAMETRICS 2011