

**Agenda for CIFE Technical Advisory Committee (TAC) Meeting  
April 22, 2009**

<b>2:00 PM</b>	<b>Kunz</b>	<b>Welcome, CIFE Update, VDC Certificate Program</b>
<b>2:20 PM</b>	<b>Lepech</b>	<b>Lifecycle Assessment</b>
<b>2:30 PM</b>	<b>Haymaker</b>	<b>Research Team</b>
	Haymaker	Multidisciplinary Support for Design and Analysis
	Welle	Energy Analysis
	Flager	Multi-Disciplinary Design Optimization
	Senescu	Communicating, Integrating, and Visualizing Multi-Disciplinary Design Processes
<b>3:15 PM</b>	<b>Levitt</b>	<b>Collaboratory for Research on Global Projects</b>
<b>3:25 PM</b>	<b>Law</b>	<b>IT and Collaboration for AEC</b>
<b>3:35 PM</b>		<b>-- Break --</b>
<b>3:55 PM</b>	<b>Fischer</b>	<b>Research Team</b>
	Fischer	Multidisciplinary Support for Construction
	Maile	Energy Analysis and Measurement
	Wingate	Law School Design
	Ho	Continuing work with GSA
	Kam	Integrated Analysis and Presentation of Project Scenarios
	Peterson	Automating Activity Coding from Model and Sensor Data
	Hart	Decision Support System (DSS)
<b>5:10 PM</b>	<b>Members</b>	<b>Summary of current top initiatives of member organizations and opportunities for synergy</b>
<b>5:40 PM</b>	<b>Kunz</b>	<b>Conclusion</b>
<b>5:45 PM</b>		<b>-- Poster Session with CIFE students &amp; Hors d'oeuvres --</b>

## Agenda for CIFE Technical Advisory Committee (TAC) Meeting April 23, 2009

<b>8:00 AM</b>		<b>Breakfast</b>
<b>8:30 AM</b>		Kunz: Welcome & Overview of the day
		<b>Proposal Presentations</b>
<b>8:45 AM</b>	<b>200906</b>	“Simulation-based Management of IPD Team Performance” - R. Levitt, R. Fruchter, D. Ioannidou
<b>9:05 AM</b>	<b>200910</b>	“Improving Multidisciplinary Optimization Methods in AEC” - J. Haymaker, I. Kroo, F. Flager, B. Welle
<b>9:25 AM</b>	<b>200911</b>	“Improving Design Processes through Collaborating, Sharing, and Understanding” - J. Haymaker, R. Senescu, N. Kim
<b>9:45 AM</b>	<b>200909</b>	“Design Scenarios: Goal Driven Parametric Modeling” - J. Haymaker, V. Gane
<b>10:05 AM</b>	<b>200903</b>	“Model of Design Rationale Formation” - J. Haymaker, R. Levitt, J. Chachere
<b>10:25 AM</b>	<b>200917</b>	“Identification of LEED Baseline Design Metrics and Development of Decision Support Tools” - M. Lepech
<b>10:45 AM</b>		<b>Break</b>
<b>11:05 AM</b>	<b>200907</b>	“uEngage: 3D World Project Neighborhood in Support of IPD in Geographically Distributed Teamwork” - K. Law, R. Fruchter, P. Sharma, B. Sridharan
<b>11:25 AM</b>	<b>200904</b>	“Optimizing Energy Use in Commercial Building Lighting with Wireless Sensing and Control” - K. Law, A. Askin
<b>11:45 AM</b>	<b>200916</b>	“Sustainable Design and Manufacturing of Prefabricated Durable Infrastructure” - M. Lepech, A. Shuck
<b>12:05 PM</b>	<b>200908</b>	“Understanding the Implications of Cultural Immersion” - P. Hinds, C. Xu
<b>12:25 PM</b>		<b>Lunch</b>
<b>1:10 PM</b>	<b>200901</b>	“Knowledge-Sharing Dynamics and the Design of Knowledge Management Systems and Organizations: A Game-Theoretic Analysis” - R. Levitt, A. Wang
<b>1:30 PM</b>	<b>200902</b>	“Social Networking for Sustainable Building Practices” - M. Lepech, M. Fischer, S. Russell-Smith
<b>1:50 PM</b>	<b>200905</b>	“Utilizing Modern Prefabrication Technologies and Supply Chain Management Strategies to Achieve “ - M. Fischer, H. Lee, R. Wilson
<b>2:10 PM</b>	<b>200915</b>	“Framework for 4D model-based analysis tools on large development projects” - M. Fischer, J. Kim
<b>2:30 PM</b>	<b>200912</b>	“Automated Classification of Field Measurements with 4D and Contextual Information” - M. Fischer, F. Peterson
<b>2:50 PM</b>	<b>200914</b>	“Providing Ongoing Information Basis for Rapid and Consistent Decision-Making throughout AEC Project” - M. Fischer, C. Kam, T. Kim, N. Senaratna
<b>3:10 PM</b>	<b>200918</b>	“A VDC-based method to manage the Architecture, Structure, Mechanical, Electrical, Plumbing, Fire Protection coordination process” - M. Fischer, T. Wingate, M. Brilaki
<b>3:30 PM</b>		<b>Break</b>
<b>3:45 PM</b>		<b>Selection of Projects</b>