

**ESD Institute**  
**Construction Productivity Symposium**  
**The Engineering Society of Detroit Headquarters**  
**Symposium Schedule of Events**  
**September 13-14, 2011**

**Construction Productivity Symposium First Day -- Tuesday, September 13, 2011**

Attendees Breakfast & Networking 7:30 AM - 8:00 AM

Welcome by ESD Executive Vice President Darlene Trudell and  
ESD President Terry J. Woychowski 8:00 AM - 8:10 AM  
(Plenary Session)

Introduction by ESD Institute Directors Christopher J. Webb and  
David A. Skiven 8:10 AM - 8:15 AM

Overview of Construction Initiative Parameters 8:15 AM - 8:30 AM  
*How can Michigan create consensus for a model comprehensive construction  
implementation standard that will serve the needs of the 21st Century?*  
(Plenary Session)

Presentation of Select Symposium Submitters 8:30 AM - 11:50 AM  
(Plenary Session)

Theodore C. Kennedy, Co-founder, BE&K, Inc.;  
Chair, National Academy of Engineering  
Dr. Parviz Daneshgari, President and DEO, MCA, Inc.  
Carl T. Haas, P.E., Ph.D., Professor, University of Waterloo  
Department of Civil Engineering; Canada Research Chair in  
Construction & Management of Sustainable Infrastructure;  
Director of the Centre for Pavement and Transportation  
Technology (CPATI)  
Robert Mauck, AIA, PE, Vice President of Virtual Design and  
Construction, Ghafari Associates  
Patrick Devlin, CEO, Michigan Building & Construction Trades Council  
David Ciuffoletti, Vice President, Durr Systems  
William Terrasi, Director of Enterprise Project Management,  
Construction and Engineering Major Enterprise Projects,  
DTE Energy  
William J. O'Brien, PE, PhD, Associate Professor of Construction  
Engineering and Management, University of Texas at Austin

Brainstorming a Viable Construction Model (Plenary Session Facilitation)	11:50 AM – 12:15 PM
Identifying What Is Intriguing (Attendees Express Interest by placing Dots)	12:15 PM – 12:30 PM
Lunch at ESD Headquarters	12:30 PM - 1:15 PM
Formation of Breakout Workgroups	1:15 PM – 1:30 PM
Workgroup Breakout Sessions (Continued Idea Creation Stage):	1:30 PM – 2:30 PM
Technology <i>If you were creating a productive, efficient and competitive construction industry using technology and lean principles, what would it look like and how would you implement it?</i>	
Culture <i>If you were developing a construction workforce environment to increase productivity, efficiency and industry competitiveness, what would it look like and how would you implement it?</i>	
Strategy <i>If you were applying prefabrication and modular build strategy to increase construction productivity, efficiency and industry competitiveness, what would it look like and how would you utilize them?</i>	
Legal <i>If you were establishing a commercial framework to foster an increase in productivity, efficiency and industry competitiveness, what would it look like and how would you implement it?</i>	
Workgroup Breakout Session (Prioritization) (Participants Rank the Top 4-5 Ideas by placing Dots)	2:30 PM – 2:45 PM
Break	2:45 PM - 3:00 PM
Workgroup Breakout Sessions (Critical Analysis/SWOT):	3:00 PM - 5:00 PM
Technology	
Culture	
Strategy	
Legal	
Conclusion of First Working Day of Symposium	5:00 PM – 5:15 PM
Reception at ESD Headquarters	5:15 PM - 6:30 PM

**Construction Productivity Symposium Second Day – Wednesday, September 14, 2011**

Attendees Breakfast & Networking	7:30 AM - 8:10 AM
Progress Report of Workgroup Facilitators	8:10 AM - 8:30 AM
Owner's Panel: Question and Answer:	8:30 AM - 10:00 PM
Break	10:00 AM - 10:15 AM
Workgroup Breakout Sessions (Considering and Drafting the Plan):	10:15 AM - Noon
Technology	
Culture	
Strategy	
Legal	
Lunch	Noon - 1:00 PM
Explanation of RASI Evaluations for Action Plans (Plenary Session)	1:00 PM - 1:15 PM
Workgroup Breakout Sessions (Perform RASI/Finalize Action Plan):	1:15 PM - 2:45 PM
Technology	
Culture	
Strategy	
Legal	
Break	2:45 PM - 3:00 PM
Presentation of Final Workgroup Reports (Plenary Session) (20 Minute Presentations w/some Q & A)	3:00 PM - 4:30 PM
Technology	
Culture	
Strategy	
Legal	

Report of Symposium Findings & Implementation (Plenary Session)	4:30 PM - 5:00 PM
White Paper Development Task Assignments to Responsible Constituents Publication	
Closing of Symposium	5:00 PM - 5:15 PM