Symposium on “Idea to Impact: How Building Economic Standards Keep you on Track”

Sponsored by ASTM Committee E06 on Performance of Buildings

October 5, 2014
Sheraton New Orleans
New Orleans LA

Symposium Co-Chairmen: Robert Chapman
NIST
Gaithersburg, MD

Michael Goodkind
Alfred Benesch Co
Chicago, IL

Muthiah Kasi
Alfred Benesch Co
Chicago, IL

ABOUT THE EVENT
The purpose of the Symposium is to demonstrate the benefits of ASTM Economic Standards and how these standards can help the economic performance of engineering projects. ASTM’s suite of E06.81 standards provides a comprehensive framework for measuring and managing the economic performance of buildings and other constructed facilities over their entire life cycle. The Symposium will demonstrate how to use the framework and will describe how the various E06.81 standards fit together and reinforce each other. The E06.81 standards framework is organized around four topic areas: (1) cost data presentation and analysis; (2) value engineering; (3) risk management; and (4) economic evaluation.

SUNDAY, OCTOBER 5, 2014

8:00 AM
Introduction/Welcome
Co-chair Robert E. Chapman, Ph.D.

8:20 AM
Benefits of ASTM Economics Standards
Muthiah Kasi, PE, SE, CVS-Life, FSAVE

8:55 AM
Enhancing the Value for the Guggenheim Abu Dhabi Museum via Function Inspired Change
Stephen Kirk, Ph.D., FAIA, FSAVE, CVS, LEED AP
9:30 AM  
**Asset Management of Transportation Project at Planning Level**  
Amanda Zacharias, PE, AVS, Daniel Tyler, PE and Muthiah Kasi, PE, SE, CVS (Life), FSAVE

10:00 AM  
**BREAK**

10:25 AM  
**Classification of Construction Costs: An International Overview and a UK Perspective**  
Joseph L. N. Martin, DMS, FRICS, MCMI

11:15 AM  
**The Philosophy and Logic within UNIFORMAT II Classifications**  
Anthony Huxley, MSc, MCIOB, PQS(F)

12:00 PM  
**Lunch**  
*Keynote Speaker: Robert W. Jacobsen, PE*

1:30 PM  
**Feedback from the Source: Improving Productivity on Construction Jobsites**  
Heather Moore, Ph.D. and Perry Daneshgari, Ph.D.

2:05 PM  
**Economic Impact of Improved Service Life Prediction for Seams in Low Slope EPDM Roofing**  
Douglas Thomas

2:35 PM  
**BREAK**

3:00 PM  
**The Economics of Residential Fire Sprinklers and the Potential Impact of Recent Code Changes**  
David T. Butry, Ph.D.

3:35 PM  
**Life-Cycle Cost Implications of More Stringent State Energy Codes**  
Joshua Knetifel, Ph.D.

4:10 PM  
**How E06.81 Standards Promote a Meeting of the Minds**  
Daryl DeJean, Executive MBA and Lee Stevens, MBA

4:45 PM  
**Closing Remarks**  
Co-chair Michael N. Goodkind, Ph.D., PE, SE, CVS

5:00 PM  
**SYMPOSIUM ADJOURNS**