

## TC 4.5 Program Subcommittee Meeting

Monday June 29 2015

3:15 pm-4:15 pm, Room 314 (3<sup>rd</sup> floor), Atlanta Hilton, Atlanta GA

Chair: Thanos Tzempelikos/Purdue University

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*Attending:*

### I. ATLANTA PROGRAM, JUNE 27-JULY 1, 2015

#### **Conference paper:**

1. "Impact of Solar Optical Properties of Roller Shades on Energy, Daylighting and Comfort", Y-C. Chan, A. Tzempelikos & B. Protzman/Purdue University  
CONFERENCE PAPER SESSION 19, WEDNESDAY 9:45-10:45AM, SALON C

**TO BE CONFIRMED: Seminar/Workshop:** "Thermal performance of fenestration," Chair: John Hogan/Consultant

1. "Determination of Garage Door and Rolling Door U-Factors," Michael Thoman/Architectural Testing, Inc. & Joseph Hetzel/DASMA
2. "Dynamic Thermal Performance of a High Performance Door", Joseph Hetzel/DASMA

**TO BE CONFIRMED- Seminar:** "Daylighting of commercial spaces with tubular daylighting devices"  
Charlie Curcija/LBL

1. "Visible Transmittance Measurements of Tubular Daylighting Devices," Charlie Curcija/LBNL
2. "State of the Art Thermal Modeling of Tubular Daylighting Devices," Aziz Laouadi/NRC
3. "A Tubular Daylighting Manufacturer's Perspective," Neil Digert /Solartube

### II. ORLANDO PROGRAM, JAN 23-27, 2016

Conference paper abstracts due March 2015

Technical papers due April 2015

Seminars/forum proposals due August 2015

**TO BE CONFIRMED: Transactions Session:** "NFRC Research Projects," Chair: ?

1. "Window Awning Rating Feasibility Assessment," W. Ross McCluney/Sun Pine Consulting, William C. duPont/Sunergy Consulting & John Gant/Glen Raven Custom Fabrics
2. "Results from NFRC WINDOW6/THERM6 validation projects", William duPont

**TO BE CONFIRMED- Transactions Session:** “Computer Simulation Methodologies to Predict the Performance of Blinds and Shading Systems,” *Chair: ?*

1. “Modeling the Performance of Honeycomb and Cellular Shading Systems,” *Charlie Curcija, Jacob Jonsson & Robert Hart/LBNL*
2. “Modeling the Performance of Pleated Shading Systems,” *Charlie Curcija, Jacob Jonsson & Robert Hart/LBNL*

**Conference paper session (confirmed and submitted):** Shading properties and performance –Chair: A. Tzempelikos/Purdue University

1. “An Examination of Keyes Fabric Properties Chart: Almost 50 Years Later”, *M.R. Collins, N.Y.T. Huang, and J.L. Wright/University of Waterloo*
2. “Off-Normal Solar-Optical Performance of Pleated Drapery: Simulation versus Measurement”, *N.Y.T. Huang, M.R. Collins, and J.L. Wright/University of Waterloo*
3. “Integrated performance assessment of light-redirecting systems and multi-sectional building facades”, *Y-C. Chan, A. Tzempelikos/Purdue University*

**Transactions paper (confirmed):**

“An experimental study and model of a window with STPV”, *A. Athienitis, K. Kapsis/Concordia University*

*Prepared by: Thanos Tzempelikos, Jan. 25, 2015*