

## TC 4.5-Research SC meeting-Minutes

January 22, 2012

Palmer Hotel

Chicago, IL

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1. Christian Kohler chaired meeting (Anil not able to attend)
  - a. Attending: Peter Lyons, Willie du Pont, Bipin Shah, Aziz Lauoudi, Hofu Wu, Chris Gueymard, Roger LeBrun, Joe Hayden, Josue Cavazos, Ray McGowan, Thanos Tzempelikos, Christian Kohler, Joe Huang
2. June 11 minutes accepted.
3. Ross McCluney will continue on the Thermal and Optical Analysis of TDD Project monitoring TG. Charlie Curcija may replace him in the future.
4. *WS 1414-U-factor, SHGC, and VT updates for Handbook* tables being pursued by Charlie Curcija. Charlie will work with Bipin Shah and Willie du Pont to complete the letter ballot to TC4.5 by March 1.
5. Long Range Research Planning
  - a. Daylight Quantification Impacts due to Shading Devices-Mudit Saxena, Thanos, Aziz will continue to pursue an RTAR
  - b. Anil continues to pursue the potential RTAR: Characterizing Thermal and Optical Properties of PV Film coated Glazing Systems.
  - c. Chris Gueymard proposes to develop further spectral data information to improve SHGC calculations. Willie du Pont will assist with an RTAR. (Chris will provide more information for these minutes)
  - d. Aziz proposed developing an RTAR Core Daylighting System research proposal.
6. Joe Huang presented *WS1588-Layer-by-Layer Recreation of a Window Product* from it representative U-factor and SHGC information. The project would reverse engineer a window product based on the desired or given U-factor and SHGC. Joe requests that TC4.5-Research support this research so that TC4.7 may further consider this project for funding. The Research SC asked for a new draft clarifying the research be for North America only and better articulate the draft based on various minor comments made during this meeting.
7. Adjourned 5 pm.