

**ASHRAE TC 1.3/8.5 Research Subcommittee Meeting**  
**Sunday, 24 Jan 2010, 3:00pm - 7:00pm**  
**Rosen Shingle Creek – Panzacola G1 (on 1st level)**

**3:00pm - 3:30pm**

**TC 8.5 / 1316-RP Experimental Evaluation of the Heat Transfer Impacts of Tube Pitch on a Highly Enhanced Surface Tube Bundle**

PI: Steve Eckels / Kansas State Univ PMS chair: Petur Thors

**3:30pm - 4:00pm**

**TC 8.5 / 1345-RP Waterside Fouling Performance of Brazed-Plate Type Condensers in Cooling Tower Applications**

PI: Lorenzo Cremaschi / Oklahoma State Univ PMS chair: Jim Bogart

**4:00pm - 4:15pm**

**TC 8.5 / 1394-RP Study of Carbon Dioxide Condensation in a Chevron Angle Plate Geometry Exchanger – FINAL**

PI: Amir Jokar PMS chair: Zahid Ayub

**4:15pm - 4:30pm**

**TC 1.3 / New Investigator Award – Nanofluids Research**

PI: Amir Jokar

**4:30pm - 5:00pm**

**TC 1.3 / 1352-RP Evaporation in Corrugated Flooded Plate Heat Exchangers with Ammonia and Ammonia/Miscible Oil**

PI: Sultan Khan / Ghulian Ishaq Khan Inst PMS chair: Zahid Ayub

**5:00pm- 5:30pm**

**TC 1.3 (& TC 10.3) / 1327-RP Flow Regime and Pressure Drop Determination for Two-Phase Ammonia Upward Flow in Various Rise Sizes**

PI: Thomas Lund / Danish Technical Institute PMS chair: Gary Price

**5:30pm- 6:00pm**

**TC 1.3 / 1444-RP Experimental Evaluation of Two-Phase Pressure Drop and Flow Patterns in U-bends for R134a, R410A, and Ammonia**

PI: John Thome / Swiss Federal Institute PMS chair: Bruce Nelson

**6:00pm**

**Adjourn**

**Note**

**TC 1.3 / New Investigator Award – Using Micro-Scale Anisotropic Surface Chemistry to Manipulate Condensate Droplets on Aluminum**

PI: Andrew Sommers / Miami University, Ohio

No presentation at this meeting (unable to attend); planning to present at Summer meeting in Albuquerque.

**PI's: Please send reports/presentation material to your PMS prior to the meeting.**

**Can anyone provide a projector? ASHRAE will not have one available for our session.**