

**TERC Science Advisory Committee  
October 23 – 24, 2008 Meeting  
HARC/Lone Star College District Services Campus  
4800 Research Forest Drive, The Woodlands, TX**

**AGENDA**

**Thursday, October 23: Public Meeting (Board Room)**

- 8:00 – 8:30 **COFFEE**
- 8:30 – 8:35 **Welcome and Introduction** (George Beatty)
- 8:35 – 8:45 **Implications of the New 8-Hour Standard for Texas** (Greg Nudd)
- 8:45 – 9:00 **Background of the 2008 TERC Science Synthesis** (Jay Olaguer)
- 9:00 – 10:15 **Issues from the 2008 TERC Science Synthesis**  
Issues Associated with Base Case Air Quality Modeling (Daewon Byun)  
Preliminary Results of Model Sensitivity Analyses (Will Vizuete)  
Emissions Inventories (Noor Gillani)  
Planetary Boundary Layer Dynamics and Transport (John Nielsen-Gammon)  
Radical Sources and Reactive Nitrogen (Bernhard Rappenglueck, Barry Lefer)
- 10:15 – 10:30 **BREAK**
- 10:30 – 12:15 **The Study of Houston Atmospheric Radical Precursors (SHARP)**  
Overview of the SHARP Science Plan (Barry Lefer)  
TREN, HONO-FLUX and HINT Sub-Experiments (Bernhard Rappenglueck)  
Preliminary Results from SOOT Lab Experiments and Implications for  
Upcoming Field Study Measurements (Renyi Zhang, Don Collins)  
DOAS Measurements during the FLAIR Sub-Experiment (Jochen Stutz)  
SOF Measurements during the FLAIR Sub-Experiment (Johan Melqvist)  
Baylor Aztec Flight Plans (Marty Buhr)  
PTR-MS Measurements at Moody Tower (Tom Jobson)  
Radical Initiated Secondary Aerosol Formation (RISAF)-  
Particle Measurements during SHARP (X.-Y. Yu)
- 12:15 – 13:30 **LUNCH - Offsite**
- 13:30 – 14:30 **Proposals for Enhancements to the SHARP Campaign**  
Aerodyne Mobile Laboratory Measurements (Scott Herndon)  
Measurements of Nitro-Phenols (Sandy Dasgupta)  
DIAL-SOF Inter-comparison (Johan Melqvist, Alex Cuclis)  
PM and Ozone Formation from Toluene (Greg Yarwood)
- 14:30 – 16:00 **Data Infrastructure and Air Toxics Research**  
Air Research Information Infrastructure (Shelly Thomas, Tom Fanara)  
The Benzene and other Toxics Exposure (BEE-TEX) Study  
(Jay Olaguer, Jochen Stutz, Scott Herndon, Harvey Jeffries)  
University of Texas Research on Air Toxics (Dave Allen)
- 16:00 – 16:15 **BREAK**
- 16:15 – 17:30 **SAC and Plenary Discussion**
- 17:30 **DISMISSAL**

18:30 – 20:00 **Private Dinner for SAC**

**Friday, October 24: Private SAC Deliberation (F1 Conference Room)**

8:00 – 8:30 **COFFEE**

8:30 – 9:15 SAC Business

9:15 – 10:15 Discussion of the Draft 2008 TERC Science Synthesis

10:15 – 10:30 **BREAK**

10:30 – 12:00 Discussion and Approval of New Projects, Part I

12:00 – 12:30 **LUNCH**

12:30 – 14:00 Discussion and Approval of New Projects, Part II