

TC 2.1 Physiology & Human Environment – Las Vegas Agenda

Meeting Schedule

Meeting	Day	Time	Room
TC 2.1 Physiology & Human Environment	Tuesday	1:00-3:30P	(LVCC) N241
TC 2.1 Research	Sunday	1:00-3:00P	(LVCC) N241
TC 2.1 Programs	Sunday	3:00-4:00P	(LVCC) N241
TC 2.1 Handbook	Sunday	4:00-5:00P	(LVCC) N241

Sponsoring Seminar 57: Thermal Comfort Evaluation and Standards: International Developments (Wednesday, 11:00 to 12:30)

Main Committee Agenda

1. **Call to Order** – Paul Lebbin
2. **Read Scope:** TC 2.1 is concerned with the relationship of man's living environment, as altered by air conditioning, heating, and ventilation systems to his comfort, health and productivity.
3. **Introduction of Members, Guests, and Liaisons**

MEMBERS	Rolling Off after Montreal
Eric Adams	
Ed Arens	
Jim Bushnell	
Charles Dorgan	
Jaap Hogeling	
Ray Horstman	X
Mark Jackson	X extend to 6/30/2012
Paul Lebbin	
Hal Levin	X
Arsen Melikov (VM non-quorum)	X
John Stoops	
Diotima von Kempfski (VM non-quorum)	
Lily Wang	X

New Member Nominations:

- a. Peter Simmonds
- b. X
- c. X
- d. X

4. Albuquerque Minutes Approval:

5. Membership Chair Nomination:

6. Website Chair Nomination:

7. Liaison Reports –

- **TAC Section Head** – Brian Fricke
- **Chapter Technology Transfer Liaison** – Mr. Jean-Gabriel Joannette
- **Program Liaison** – Mr. William Atkinson
- **RAC Research Liaison** – Dr. Iain Walker
- **ALI / PDC Professional Development Committee (EDUC) Liaison** – Mr. Kenneth Fulk
- **Special Pubs Liaison** – Mr. John Clark
- **Handbook Liaison** – Mr. John Wells III – Jill Connell (Ch 9 Thermal/Ch 12 Odor)
- **Standards Liaison** – Mr. Hoy Bohanan
- **Staff Liaison (Standards)** – Mrs. Claire Ramspeck
- **Staff Liaison** – Mr. Michael Vaughn
- **Std 55 Liaison** – Gwelen Paliaga (and John Stoops)
- **Liaison from TC 9.7(Educational Facilities) & 9.6 (Healthcare)** – Ron Westbrook
- **Liaison from 2.6 (Sound & Vibration)** – Kenneth Roy

8. Chair's Report – Paul Lebbin

9. Subcommittee Reports

9.1 Programs – James Bushnell

9.2 Research – Sitaraman Chandra Sekhar

Research Projects:

- 1322-RP "Productivity and Perception Based Evaluation of Noise Criteria" Lily Wang (U. of Nebraska)
- 1332-URP "Thermal Comfort Tool" Charlie Huizenga
- 1515-RP "Thermal and Air Quality Acceptability in Buildings that Reduce Energy by Reducing Minimum Airflow from Overhead Diffusers."

Work Statements:

- 1504-WS "Improved Knowledge of Clothing Insulation for Non-Western Ensembles: The Effects of Clothing Materials and Stationary Body Postures" Dennis Loveday (Conditionally Approved, Pending RAC Final Approval)
- 1624-WS "Effective Energy-Efficient School Classroom Ventilation" Wyon (Pending RAC Approval)

RTARs:

- 1503-RTAR "Thermal and Air Quality Effects on Sleep" David Wyon
- VEG-1 "Field Study for Establishing a Low Relative Humidity Limit" Alexandra Thompson
- ALB-1 "Lower Body Comfort at Elevated Air Speeds And Varying Temperatures" Rimmer
- LOU-1 "Towards a New Holistic Indoor Environmental Criteria" Von Kempster
- CHI-1 "Sustainable Solutions to Classroom Ventilation" Wyon, Levin, Sekhar
- SLC-1 "Individual control of thermal comfort & air movement preferences" Levin, Paliaga
- SLC-2 "Thermal comfort in non-sedentary environments" Simmonds, Paliaga, and Arens
- SLC-3 "Exposure to AC & thermal comfort" Sekhar, Loveday, Jones, Stoops, Humphreys

Co-sponsoring RTARs:

- 1630-RTAR "Update the Scientific Evidence for Specifying Lower Limit Relative Humidity Levels for Comfort, Health and IEQ in Occupied Spaces" TC 5.11, Roger Pasch

9.3 Honors and Awards – Paul Lebbin

9.4 Handbook – Eric Adams

- Review of Chapter 9 and 12; review of recent literature for additions/ changes; review of any known errors
- Assign chapter alterations / rewriting assignments (please come and join in the fun during the handbook subcommittee meeting on Sunday! This is probably the biggest impact we have on the entire ASHRAE community.)

9.5 Webmaster – Paul Lebbin Website: <http://tc21.ashraetcs.org/>

10. Old Business

11. New Business