

Meeting Minutes
TC 2.1 Physiology and Human Environment
January 27, 1:00; CC/211 A/B, ANAHEIM, CA

Present

	Name	Affiliation	Email	Status
1.	Dorgan, Chuck	Univ. of Wisconsin	cedorgan@wisc.edu	VM June 2004
2.	Levin, Hal	Building Ecology	Hal.Levin@buildingecology.com	VM June 2004
3.	Sipes, Jerry	Price Industries	JerryS@price-hvac.com	VM June 2005
4.	Adams, Eric	Carrier	Eric.adams@carrier.utc.com	VM June 2006
5.	Berglund, Larry	US ARIEM	Larry.berglund@na.amedd.army.mil	VM June 2006
6.	Kwok, Alison	UofOregon	akwok@uoregon.edu	VM June 2006
7.	Musser, Amy	Univ. of Nebraska Lincoln	amusser@ul.edu	VM June 2007
8.	Simmonds, Peter	IBE Consulting Eng	Peter.Simmonds@ibeca.net	VM June 2007
8.	Wyon, David	DTU	wyon@mek.dtu.dk	VM June 2007
9.	Roy, Kenneth	Armstrong	kproy@armstrong.com	Liaison with TC2.6
1.	Bushnell, Jim	HVAC Consulting Services	jcmb@abac.com	CM
2.	Fanger, Ole	DTU	fanger@mek.dtu.dk	CM
3.	Federspiel, Cliff	UC Berkeley	Cliff_f@uclink.berkeley.edu	CM
4.	Lebbon, Paul	Kansas State University	plebbon@ksu.edu	CM
5.	Olesen, Bjarne	DTU	bwo@mek.dtu.dk	CM
6.	Reardon, James	NRCC	James.Reardon@nrc.gc.ca	CM
7.	Scheatzle, David	ASU	scheatzle@asu.edu	CM
8.	Reynolds, Douglas		Reynolds@clark.nscee.edu	Visitor
9.	Tiller, Dale	Univ. of Nebraska Omaha	dtiller@mail.unomaha.edu	Visitor
10..	Wang, Lily	Univ. of Nebraska Lincoln	Lwaynq4@unl.edu	Visitor

1. Call to Order

Meeting called to order at 1:15P

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

- Discussion: is ½ enough time for research reports? Yes
- PS: Could we get rooms BEFORE Research Subcommittee. Hal would like it after.
- Quorum established. 9 Members present, 2 openings with

4. Approve minutes from previous meetings

Motion: PS to approve; 2nd: Larry

5. TC Liaison Reports

Kenneth Roy liaison with TC 2.6-nothing to report on needs. They are tracking 1128.

6. Chair's Report

7. Subcommittee Reports

a. Program (Jim Bushnell)

- No papers for sale in bookstore at this meeting.
- Two symposia planned for Nashville. Papers currently under review through Manuscript Central.
- Final papers (all reviewed, symposia and seminars): Nashville, February 15, 2004; Orlando, August 6; Denver, September 24. PS suggests that there should be a fast-track. Perhaps it's Tech Weekend. David Scheatzle says it's drop dead date.

Future Plans

- Orlando: Symposium - HVAC is for Productivity, Dave Scheatzle
- Orlando: Forum – Should There be a 55 Design Guide? Wayne Dunn

b. Research (Peter Simmonds)

- RP-1129 PI Cliff completed 1129
- RP-1160 PI David Wyon completed, but needs to resubmit because it got lost. Wyon wrote a detailed reply to PMS and made appropriate changes.
- RP-1161 PI Gail Brager. Gwelen gave report, research finished and report forward to Mike Vaughn,
- RP-1128 PI Amy Musser. Hal chair met after meeting. Need to get approval from IRB. Just about ready to begin.
- RP-1257 PI David Wyon 8-month delay in notifying DTU, ASHRAE sent contract to DTU which has taken 4 months that complies with Danish law. Wyon reported on details of problems. ASHRAE needs to find a form of words that are acceptable to foreign government. Time slot reserved for PMS. Screen requested.

Workstatements/RTARS/List for Long Range Plan

- URP: Experimental 3-dimensional clothing. Vote at research meeting unanimously rejected the objective and scope of URP as it did not fit within the LRP. Motion: TC reject the URP as the objective and scope does not fit within the TC LRP; 2nd: Eric Adams. 9-0-0 CNV
- 1269 WS: #1 on the research plan, Bjarne Olesen. Peter will check to see if they'll vote tonight.

Prioritize and present long range plan at Nashville. If there are

RTAR: Energy conservation air conditioning and productivity in hot-humid tropical regions- David Wyon (lost)

c. Standards (Wayne Dunn) Hal Levin: vote at BOD pending on Thursday, January 29, 2004 for publication.

d. Honors and Awards (Cliff Federspiel) Two great candidates. Committee voted by email and officially submitted on Sunday to Honors and Awards Committee.

e. Handbook (Larry Berglund) Met on Sunday and are proposing language and small revisions. Add section on thermal complaints. Proposing to delete verbose language. Handout to committee of suggested revisions. Committee to review. Larry to email to

committee by February 10. Deadline to headquarters by March 15. Continuous process and there will be a CD available (August 15 deadline). CD-enhanced.

- f. **Productivity (Chuck Dorgan):** No report, conflict. Schedule time for Nashville. Jim Bushnell suggested having combined meeting and break out groups. 5:00-7:00P
- g. **Webmaster (Jorn Toftum):** no contact with Jorn, Mike Vaughn wants to know status. David Wyon suggests that LRP, WS, RTAR be placed on the website at the time it's submitted to RAC. Remains as a historical record. Would assist authors to follow the status, with submitted, approved, and prioritized. Wyon to talk to Jorn. Documents to be uploaded should come from chair of TC to webmaster.

8. Old Business

Continues to be activity in 62 and Hal feels TC2.1 should continue to fulfill its scope, not just thermal comfort. In GPC-10P, take a different approach. Focus on the designer. What a designer should consider in terms of interactions, starting with a checklist for considerations. Document will be useful to ASHRAE membership (e.g. likelihood, strength, process). Would benefit from a variety of contributions.

DW: how about material selection interactions

9. New Business

10. Next Meeting June 29, 2004 Nashville, TN

11. Adjourn: 2:20P