

## TC 2.01 Physiology & Human Environment – Montreal Agenda

### Meeting Schedule

<b>Meeting</b>	<b>Day</b>	<b>Time</b>	<b>Room</b>
TC 2.01 Physiology & Human Environment	Tuesday	1:00-3:30P	(F) St. Maurice (C)
TC 2.01 Research	Sunday	1:00-3:00P	(F) Richelieu (C)
TC 2.01 Programs	Sunday	3:00-4:00P	(F) Richelieu
TC 2.01 Handbook	Sunday	4:00-5:00P	(F) Richelieu
TC 2.01 1504-TRP	Tuesday	8:00-9:00A	(F) Harricana (C)
TC 2.01 1515-TRP	Tuesday	9:00-10:00A	(F) Harricana (C)

### Main Committee Agenda

- 1. Call to Order**– Paul Lebbin
- 2. Read Scope:** TC 2.01 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:** Guests are strongly encouraged to submit contact information to chair or vice-chair to be added as provincial CM
- 4. Las Vegas Minutes Approval: Chandra Moved Hal Seconded – Unanimous approved**

<b>MEMBERS</b>	<b>Rolling Off after Montreal</b>	<b>Quorum check</b>
Ed Arens		
Jim Bushnell		P
Jaap Hogeling		
Ray Horstman	X	
Mark Jackson	X	P
Paul Lebbin		P
Hal Levin	X	P
Arsen Melikov (VM non-quorum)	X	
Chandra Sekhar		P
Peter Simmonds	Incoming Member	
John Stoops		P
Lilly Wang	X	P
Diotima von Kempfski (VM non-quorum)		

- 5. New Voting Member Nominations:**  
**Shin-Ichi Tanabe (VM non-quorum)**

**Dennis Loveday – Voting Member**

**Others?**

## 6. 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 TC 2.6 (Sound & Vibration)** – Kenneth Roy

## 7. ASHRAE Design Guidelines – treatment of indoor environmental issues – Hal Levin

**Guidelines lack of environmental issues treatment.** Focus on energy performance seems to be at a cost of environmental issues. Environmental Health committee had a concern. Acoustics also had concern, Would be added to call for papers – Mark Jackson. High performance buildings. Need to encourage ASHRAE to include indoor environmental quality in the concept of high performance. Seem to have it on their agenda – but then not put into practice. Some ventilations requirements. How to achieve efficient buildings without compromising environmental quality. Our comments have made an impact on the design guidelines. 62.1 will propose a program for Chicago. There will be an IAQ track in Chicago. Important that we speak up and try to impact. Need to maintain the momentum. How can we prevent this from happening in the future. Paul will draft letter to ASHRAE asking for involvement of environmental committees in the guideline and other development.

## 8. Chair's Report – Paul Lebbin

Breakfast meeting – Sunday. List of members of committee – please update profiles. CEC Conference and ??? committee. Working in ways to improve program – are there ways to better evaluate ? What does the current rating system do? Appearance of being confrontational. The papers have become less technical – more skewed to conference papers away from technical papers. Need to improve technical content of papers. Need to enhance visibility of HVC&R journal. Platform has changed – should become more widely recognized. Need to market better through “scientific” journal mechanisms. Taylor and Francis is the new publisher. Need to be looking at improving profile of papers and visibility – do they show up when googled are they in technical libraries. TC websites – need to keep them updated. Working out some kinks related to web issues – but making progress. Hightower award 2011 – nominations due September 1. Paul will send info about upcoming meetings. Windsor conference. Healthy Building 2012 Brisbane Australia. Chicago – get themes, etc from web. San Antonio – no themes. Sept 26 paper abstract due.

## 9. Subcommittee Reports

### 9.1 Programs – James Bushnell

Ed Arens (and Hui Zhang not in attendance) proposed three seminars:

The first "Why are thermostats set for over cooling in Summer?" was approved for Chicago.

The second "Why are thermostats set for over heating" was deferred to a later meeting. The third "Thermal Comfort Models for Design and Evaluation" was approved for Chicago with TC2.10 being a co-sponsor and Standard 55 agreeing to be the prime committee for priority purposes.

In addition TC2.01 agreed to sponsor a Chicago seminar originating in TC5.10 "Thermal Comfort - Kitchen preparation areas".

Need subcommittee chair.  
Will be IAQ track in San Antonio.

**9.2 Research** – Sitaraman Chandra Sekhar  
Get notes

Comfort tool Has code, will be published (eventually)  
RP 1515 – John Stoops  
Draft report  
RP 1504 – John Stoops

Stoops moved  
Jim Seconded  
7 yes – 0 no 1 abstention (Chair)

Low humidity – coordinate with 5.11, reflect paper – focus on absolute humidity

RTR – Final draft by Oct 31.

New Incoming Research Chair

**9.3 Honors and Awards** – Paul Lebbin  
Hightower – deadline

Ralph Nevis – deadline coming up (will get deadline)

**9.4 Handbook** – Eric Adams

2 new additions to the handbook, personal control and the multi-segment model, were handed out to the members for comments and discussion. At the subcommittee meeting some changes, corrections and additions were proposed. These are being composed now and should be expected by the voting members by mid July. The clothing section was reviewed and several changes were proposed and accepted. These proposals were passed to the voting members. No comments have been received. An additional section on productivity has been proposed by Pawel Wargocki (DTU), and promised by the end of July. It will be passed to the voting members at that time.

The next version of the handbook is due to publications in march of 2012. Thus, the committee should vote on the handbook revisions at the winter meeting in 2012.

**9.5 Webmaster** – Ron Westbrook

Will be updating and fixing link problems. Will help with electronic communication issues. Send problems to Ron and he will help to get resolved. Google groups – rolled and then google changed format – ended file support. ASHRE withdrew support – can use them if we want but no formal support. Ron will help us as needed. .  
Some discussion about other subcommittees using other social networking – NOT allowed!

**10. Old Business**

**11. New Business**

**FAQ documents for us to review. Please review and track changes returned to Paul by August 15.**

**Hal moved Chanda seconded – unanimous.**