

MEETING MINUTES

TC 6.5 - Radiant and Convective Space Heating & Cooling
Orlando, FL
January 25, 2016
2:15 pm – 4:15 pm

I. **Call to Order:** 2:15 pm

A. Roll Call: - Quorum Exists Introduction of voting members, corresponding members, liaisons and guests. 6/8 voting members present, quorum does exist.

David Desjardins
Mike O'Rourke
Him Ly
Richard Bowman
Peter Simmons
Kevin Smith

II. **Approval of Minutes from Previous Meeting** and vote for approval

- A. Peter Simmons Motion to approve
- B. Mike O'Rourke Second
- C. Motion approved : 6/0/0-CV

III. **Subcommittee Reports**

A. Program: (Devin A.)

- 1. St Louis
 - i. Deadline for submission is Feb 8th
- 2. Las Vegas
 - i. Conference papers open and abstracts due March 14
 - ii. Completed papers due July 6th
- 3. Ideas for programs
 - i. Modeling thermal comfort –
 - 1. CBE and/or 1383 Comfort Tool combine or separate seminar

B. Handbook: (P. Raftery)

- 1. Chapter 51&54 Applications revision due summer in 2018
- 2. Chapter 16 Systems and Equipment
 - i. Motion to approve: Paul Raftery
 - ii. Second : Richard Bowman
 - iii. Votes: 6/0/0 CV

3. Chapter 6 Systems and Equipment
 - i. Motion to approve: Paul Raftery
 - ii. Second: Mike O'Rourke
 - iii. Votes: 6/0/0 CV

C. Website (P. Raftery)

1. TC Website updated which contains updated TC information

D. Standards:

1. Standard 138 (Cyrus Nasser)
 - i. Motion Reaffirm standard 138 – P Simmons
 - ii. Second – Mike O'Rourke
 - iii. Vote: 6/0/0 CV
2. SSP 55 Committee Liaison (R. Bean)
 - i. Inclusion of fenestration modeler tool completed
 - ii. User manual completed
 - iii. Prescriptive tables to be developed
3. 205 W8 Committee Liaison (P. Simmonds)
 - i. Mostly likely will be a standard in 6 months
4. SPC 152 Committee Liaison (David Springer)
 - i. Radiant was removed from standard

E. PDC & Education: (R. Bean)

1. Short course developed and available

F. Research: (J. Williams)

1. URP 1766 is new extension that will further develop RP 1383
2. URP 1766 PI needs to submit quarterly update to chair of PMS
3. Combined Heat transfer coefficient:
 - i. Available data seems to have discrepancies.
 - ii. Draft RTAR for literature search recommended.
4. Possible topics
 - i. Impact of laminar vs turbulent flow in radiant system
5. Research – Fred Bauman offered to be part of research chair

IV. **Old Business:**

A. IAPMO

1. 2015 Uniform Solar and Hydronic Code published
2. Task group formed to align mechanical and hydronic code for update

B. ISO Standards

1. Pricing makes distribution challenging

C. Strategic meeting on Future Research and Dissemination Needs for Radiant Heating and Cooling

1. January 27, 2016 12:30-4:30
2. Brainstorming on specific research needs of the industry
3. Multiple speakers and discussions
4. Some results of research will be presented

V. **Adjourned:** 4:15 pm (P Simmonds), (seconded D Desjardins)