

## 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 8<sup>th</sup>
- 2. Las Vegas
  - i. Conference papers open and abstracts due March 14
  - ii. Completed papers due July 6<sup>th</sup>
- 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)