

Minutes

TC 1.5 Emerging Applications Subcommittee

Sunday, January 18, 1998
ASHRAE 199 Winter Meeting; San Francisco, CA

The Emerging Applications Subcommittee met from 3:35 to 4:55 PM with a total of 20 in attendance.

Following introductions, copies of the Guide to TC 1.5 and statement of charter and scope for the Emerging Applications Subcommittee were offered to new attendees. Nine individuals requested copies.

Research topics that had originated in Emerging Applications (or the two successor subcommittees—KBS and CAD) were briefly described and their status noted. Of the five topics, one project will have its contractor selected at this meeting, two have completed work statements, and two exist only as one-pagers in the TC 1.5 research plan. These later two were discussed briefly.

The priority 3 topic in the 1.5 research plan is entitled *Development and implementation of an electronic method for interactive commenting on Research, Technical and Symposium Papers and Peer Approval of Research Project Documents*. The one-pager for this topic was written immediately following the Emerging Applications subcommittee meeting at the Boston meeting by Amistadi, Buhl, Bornside, Branson, and Hallstrom. While we originally expected ASHRAE to be quite interested in the topic, it did not receive a priority rating in the work plan. Only two of the original authors were present as the topic was discussed, and no one present was willing to lead the effort to write a full work statement. There appeared to be agreement that there is a strong need in ASHRAE for this work, and those co-authors present expressed continuing interest in the topic.

The priority 5 topic in the research plan is entitled *On-line Development of Standards* and was also authored by Amistadi, Buhl, Bornside, Branson, and Hallstrom. Because of concerns related to ANSI requirements for standards development, we decided this is a research topic that should be pursued only after successful approval of the priority-3 project for technical paper review.

The only new research topic that was proposed was for web-based training that would serve as an alternative or complement to ASHRAE's professional development seminars. Charlie Culp agreed to organize a forum for the Toronto meeting designed to assess interest in this idea, prior to TC 1.5 advancing this as a research project.

Current and previously proposed program activities originating in Emerging Applications were briefly described and their status noted.

- Seminar 35 - *PID to Fuzzy Logic and Beyond for Dummies* moderated by Benjamin Sun will be held Tuesday morning at this meeting. David Bornside, one of the speakers, agreed to alert Benjamin and the other speakers to the opportunity to translate the content of their talks into brief articles in the journal.
- Seminar - Demonstration of Interoperable Computer Applications for the HVAC Industry. Jim Forester, TC 1.5 liaison to the International Alliance for Interoperability, indicated that he did not expect to be able to attend the Toronto meeting and that he did not see how the topic could be presented given the impossibility of removing proprietary identification from the software demonstrations. There appeared to be continuing interest in program activities that address this topic. Jim agreed to talk with Mike Newman to explore the possibility of special dispensation that would allow this topic to be addressed some time in the future.

Two new program activities were proposed.

- A forum proposed for Toronto to be titled *What Computer Applications Would Benefit From Computer-Aided Instruction?* And organized and moderated by Charlie Culp.
- A seminar for Chicago to be titled *The Demise of Two-Dimensional Mechanical Design* and organized by Duane Barrett.

Brief liaison reports were received from Brian Kammers (on CIB-W98 Working Group) and Jim Forester (International Alliance for Interoperability). A written report on the Florida Design Initiative had been received by the 1.5 chair from Walter Grondzik, and he (Mick Schwedler) agreed to summarize the report at the full TC meeting. It was noted that in some cases, the letter from TC 1.5 requesting appointment of individuals (for example, Brian Kammers) to serve as liaisons had not been acted upon by ASHRAE and given official standing. A recommendation was made that a motion be made at the full TC to direct the committee chair to send a letter to ASHRAE citing the specific instances that have not received appropriate follow-through and requesting that these requests be processed in a timely fashion in the future.

The meeting concluded with a brief discussion regarding the proposed TC 1.5 web site. The key issues appeared to be 1) who will provide the web server, 2) who will serve as web master, 3) how can the site be managed to ensure adequate site maintenance and continuity. Steve Comstock was present at the end of the meeting, and suggested TC 1.5 forward a recommendation to the appropriate ASHRAE committee for how ASHRAE should support TC web sites. No resolutions were reached, and further discussion was deferred until the full TC meeting.