

**ASME Ad Hoc Committee on Heat Transfer Education  
IMECE-98 Anatole Wyndam Hotel, Dallas**

**Minutes of the Meeting  
Thursday, November 20, 1997, 4-6 pm**

*Attendance, Members:* Dereje Agonafer, Marcus Bianchi, Robert Boehm, Antonio Campo, David DeWitt, Charles Hickox, Matthew Jones, Himanshu Joshi, Ali Khounsary, Robert Mondt, Pamela Norris, David Sailor, Terry Simon, N.V. Swayanarayana.

**Old Business**

96-IMECE Panel documentation - Ali Khounsary noted that the paper written from the panel presentation is in final form. It was decided that this paper will be included with the papers published from the upcoming session on Thermal Sciences and Energy Systems Education (1998 IMECE).

97-NHTC - Allen Duncan and Ann Anderson organized a successful Student Poster session. Students were invited to the Conference dinner.

Marcus Bianchi and Pam Norris recapped the session on Innovations in Heat Transfer Education. They had 24 abstracts, 13 papers and 12 presentations. The sessions were well attended.

97-IMECE - Robert Boehm and Allen Duncan reviewed the panel session we sponsored at this meeting. The title was "Software Utilization and Relevance in the Undergraduate Curriculum." The panel members were Derege Agonafer, Web Marnier, R. Schoenhals, and Charles Hickox. The session was well attended and the discussion was lively. We decided that Allen Duncan and Robert Boehm would prepare a one-page review to go with the paper from the 96-IMECE panel to be included with the 1998 IMECE Session papers.

**Short Courses**

We discussed short course possibilities on Commercial Code evaluation and selection. Robert Boehm noted that the Computation Committee was preparing a series of broadcast short courses on computation. Terry Simon will find out from Darrell Pepper what this course covers. We decided that we will continue this discussion when more is known about that offering.

**Industrial Problems**

Himanshu Joshi and David DeWitt considered the need for getting practical problems to the academic setting. They proposed the following:

*Bringing Industrial Problems to the Classroom:*

The goal of this activity is to convey a sense of excitement to students about the practice of heat transfer by providing enriching, challenging, industrial problems for classroom assignments.

The purpose of the subcommittee is to generate opportunities for partnerships between thermal engineering industrial partners and faculty seeking to provide industrial practice experience for their students. Working collaboratively, the partners should seek to identify problems which are consistent with the classroom learning objectives and are realistic and representative of realistic interdisciplinary industrial work taking into consideration cost and environmental and manufacturing issues. The subcommittee is charged to create a network that will connect interested practitioners and faculty.

This was discussed by the Committee. Ideas which emerged were (1) put problems on a web page, (2) put problem proposers on a web page and encourage instructors to contact proposers to learn more about the problem, (3) initiate a “call for teaching problems” to the Division, (4) encourage making connections between local industry and local universities for such exchange.

An operating method was not found. Himonshu and Dave will consider this further and report at 1998 IMECE. You may wish to submit your recommendations to them.

**Future Meeting Sessions**

1998 IMECE - Marcus Bianchi, Pamela Norris, Robert Boehm and Gus Plumb are organizing a paper session on “Thermal Sciences and Energy Systems Education.” A call for papers has been distributed.

1999 NHTC - Allen Duncan and Nihad Hussian will organize a student poster session.

1999 IMECE - We discussed having a panel session on a topic captured by the following potential titles: What are the objectives of a thermal engineering program? How will we verify that they have been met? Dereje Agonafer and Dave DeWitt will work with this and formulate a proposal to bring to the 1998 IMECE Committee meeting.

The meeting was adjourned at 6:00 p.m.

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