

Previews of Coming Attractions

AS indicated by Professor Schneider in his editorial, this issue comprises papers based on material extracted from that prepared for the 1985 20th Thermophysics Conference. As such, it provides an opportunity to present the wide range of disciplines covered by the thermophysics community, many of which will be encompassed by the *Journal of Thermophysics and Heat Transfer* beginning in January of 1987. In this editorial I will discuss the relative roles of JSR and JTHT.

First, I wish to acknowledge the tremendous effort put in by Gerry in preparing this issue. Fifty-five preprints were chosen as the basis for the material finally selected; all had to be read and pairs of competent reviewers identified, reviews digested, evaluations prepared, and revised manuscripts checked. That Gerry was able to accomplish this task within the time available is commendable, but not surprising. He has been an active member of the Publications Committee since 1979, has been a frequent author, and has served as a reviewer on several occasions. Gerry will be an Associate Editor for JTHT; he is typical of the impressive team put together by Al Crosbie to staff the new journal.

The guidelines for the publication of papers in either JSR or JTHT are not strictly defined, as is the case among all journals of the AIAA. There are, however, general guidelines that can be used to aid authors in selecting the appropriate journal for manuscript submission. JTHT will publish those papers dealing with, for example, classical heat transfer problems, ablation, heat pipes, thermophysical properties, and analyses where the emphasis is on the thermal aspects or the calculation techniques. JSR will continue to publish systems-related papers, where the effects result from aspects of the system, such as occurs with contamination. JSR will also publish those manuscripts where the effects of aerodynamic aspects are the underlying consideration. These general guidelines were ap-

plied independently by Gerry and me in an attempt to see how well they would assist authors in choosing the appropriate journal for manuscript submission. We both felt that approximately 60% of the 55 manuscripts considered would be appropriate for JSR and 40% would be appropriate for JTHT. We were also in surprisingly good agreement on individual manuscript recommendations.

Examples of these guidelines can be seen in groups of manuscripts in this issue. The heat-pipe paper by Prenger would appear in JTHT, as would the analysis by Liu. The papers dealing with contamination and system effects would appear in JSR; those by Allègre, Scialdone, Ehlers, and Neff are typical of this category. JSR will also publish systems studies, such as those by Kuriyama, Otterstedt, and Papula. A key paper that points out the relative roles of JSR and JTHT is the one by Pitts and Murbach, since it describes the thermal design of a system that is driven by aerodynamic effects. Hence, JSR would be the appropriate journal for this manuscript. Of course, there will remain certain papers for which more than one journal may be appropriate for submission as a result of their interdisciplinary nature.

I speak for all of the Editors-in-Chief in welcoming Al Crosbie and the *Journal of Thermophysics and Heat Transfer* to the AIAA publications community. The Thermophysical Technical Committee has been especially active in publishing the work in its field, and so JTHT has a strong base of support. I feel that JTHT's appearance will foster the growth of all of the journals of the AIAA, so that JSR, as one of these, will be better off in the long term, despite the short-term reduction in manuscript submissions as appropriate manuscripts are submitted to the new journal.

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Editor-in-Chief