

COMMENTS



We are indeed grateful to Chandu Baxi for his efforts in developing this special issue of *Fusion Technology (FT)* on thermal hydraulics of fusion devices. With the development of higher powered fusion experiments, increasing attention is being devoted to thermal hydraulics. However, as Chandu mentions in the Guest Editor's Comments, both he and I, and I am sure many *FT* readers as well, would agree that thermal hydraulics has not received the attention it deserves in the fusion community. Perhaps the severe problems of divertor heat removal for the International Thermonuclear Experimental Reactor (ITER) design have served to increase the awareness of the importance of this

discipline. I hope that this special issue will help to further reinforce the interest and the involvement of the fusion community in thermal-hydraulic issues and will stimulate additional papers on this topic for *FT*. Previously, we have had some very significant papers on fusion heat transfer and thermal hydraulics, but the overall number of papers addressing these issues has been low. It is not clear to me if this is due to a lack of work in the area or if it is due to the fact that often this work has been done as a part of design/construction projects, where time constraints have prevented the preparation of technical papers. At any rate, I would encourage any readers working in the area to consider future submissions on this important and timely topic.

A new feature in this issue is the "Report" section. The first manuscript to appear under this heading is this issue's "Development of Fusion Safety Standards," by G. R. Longhurst et al., which is a good representation of the type of paper that is appropriate for inclusion in this new section of *FT*. We have had a long-term demand for an outlet for reports that provide important factual technical information for the community but are not standard research papers in the sense of presenting new research results. Consequently, we have created this new Report department. Papers submitted in this category will undergo an editorial review but will not be subjected to a standard peer review, as do all the other research manuscripts submitted to *FT*. The guidelines for such papers are as follows. In general, reports should cover *technical topics of general interest* to the community and should be objective and factual. *New scientific results* should not be the objective of a report because such results should first undergo the peer review provided for research papers in *FT*. Reports cannot be "advertisements" or excessively partisan — an effort should be made to include both pros and cons or multiple points of view of the issues discussed. From a purely administrative standpoint, reports will be handled in the same fashion as regular manuscripts; thus, page charges will be assessed, and complimentary reprints will be provided to the authors.

I hope that other readers will consider submission of reports and that this section will become a widely used and important resource for the community. Indeed, a report that deals with a review of the status and future prospects for the field-reversed configuration concept has already been received and will appear in an upcoming issue. If you as a reader know of a report that you feel should be included in *FT*, please contact us. If anyone has further questions or suggestions concerning this new department, I would be glad to hear from you.

A handwritten signature in black ink that reads "George Miley". The signature is written in a cursive, flowing style with a large initial 'G' and 'M'.