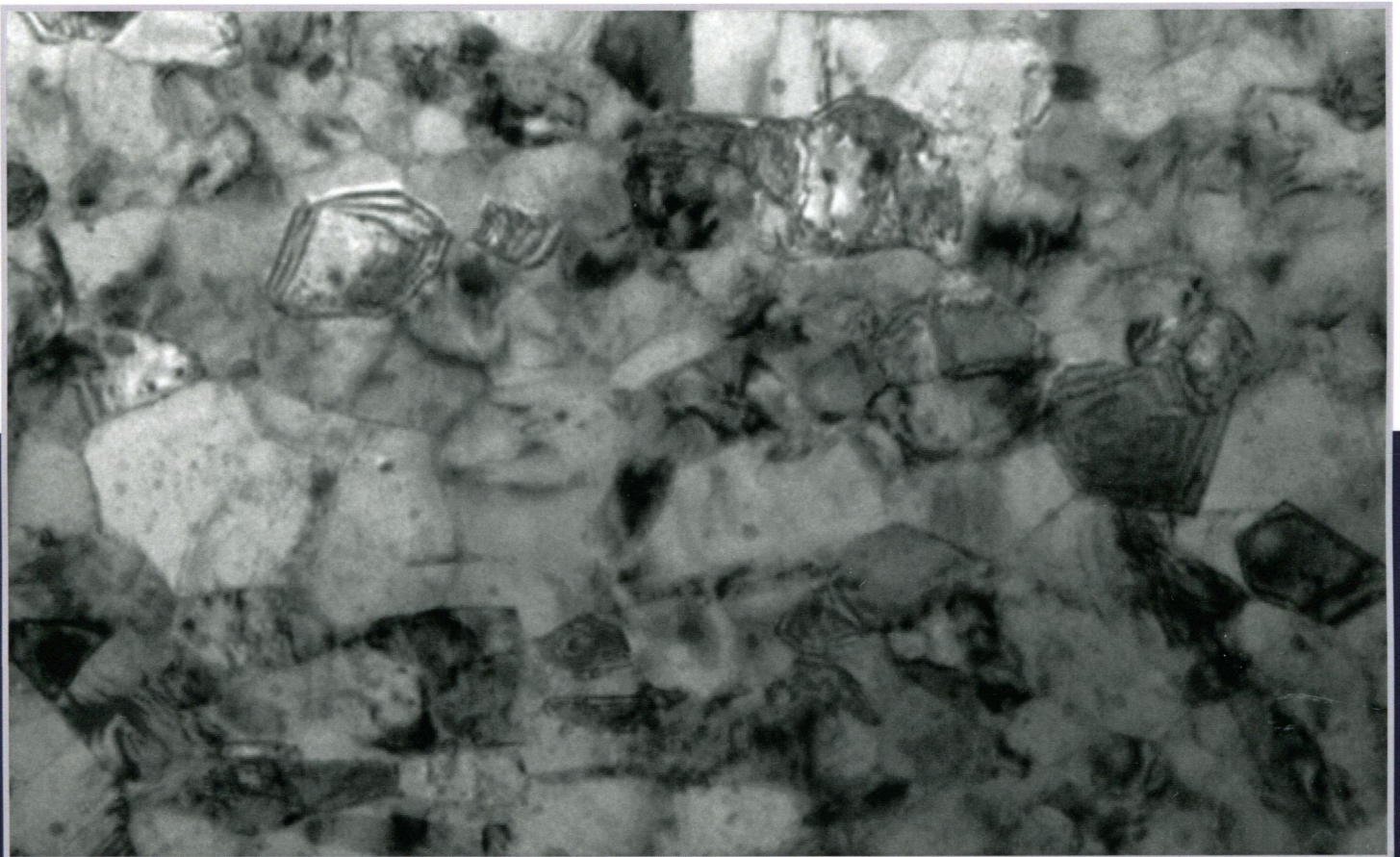


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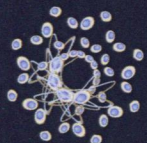
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Proceedings of the 16th International Conference on Fusion Reactor Materials (ICFRM-16)

Guest Editors: Zhangjian Zhou, Takeo Muroga, Charles H. Henager,  
Rick Kurtz, Chung-Ho Woo, Phillip Spatig and Jim Stubbins



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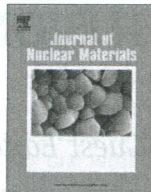
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4.00 papers presented in paper sessions.

The scope of the conference was broad and encompassed papers on the wide range of materials and technology issues of interest to nuclear materials (TBM, FBM, and DEMO) and fusion concepts. As a result, the proceedings of ICFM-16 comprises a comprehensive range of material topics of interest to fusion concepts. As a result, the proceedings of ICFM-16 comprises a comprehensive range of material topics of interest to fusion concepts. As a result, the proceedings of ICFM-16 comprises a comprehensive range of material topics of interest to fusion concepts.

The increasing number of papers showed an increasing interest in fusion technology, leading to our change in the publication strategy from a single issue to two issues. This change was made to reflect the focus on nuclear science and development that has been emphasized in the journal of Nuclear Materials, which has traditionally been associated with ICFM. Materials and Fusion have been closely with fusion technology issues have been published in the journal of Nuclear Science and Technology. This split publication enabled the organizers to take the latest stringent paper review process previously required for each paper. This would ensure the value of the paper to both the fusion community and the nuclear materials science community.

Conducting a well-organized conference and preparing quality proceedings are only possible with the dedicated diligence and efforts of many individuals. The organizers would like to express their deepest appreciation to the members of the organizing committee, and the members of the organizing committee for their many contributions. Our organizers would like to express their heartfelt thanks to the local organizers for their hard work, and the organizers would like to express their heartfelt thanks to the members of the local organizers and the organizing committee.

ICFM-16 is being planned in October 2015 in Aachen, Germany with Technische Universität Aachen as General Co-organizer. We look forward to seeing you in Aachen.

Local editors of ICFM-16 proceeding in Journal of Nuclear Materials:

Chairman: Zhenfeng Tang, Taka Muroga, Charles H. Heneghan, Peter H. Plesch, Yoon-Pil Park, Jun Sudaoka

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ICFM-16 was held October 20–26, 2012, at the Capital Hotel in Beijing, China. The International Conference on Fusion Reactor Technology is the major international forum for information exchange and discussion on fusion reactor technology. The purpose of ICFM-16 was to assemble the international fusion materials community for the presentation and discussion of current research and development results on the science and technology of fusion reactor materials for TBM, other near-term experiments, and longer term fusion power sources.

The past 30 years of focused materials research and development for fusion applications has established a substantial technical base in support of the pursuit of fusion energy. The ongoing effort in fusion energy is rapidly maturing and recent progress in research and development in fusion reactor materials is a major contributor to this effort. The fusion materials research for fusion continues to be a major focus of international research. The scope of the conference was broad and encompassed papers on the wide range of materials and technology issues of interest to nuclear materials (TBM, FBM, and DEMO) and fusion concepts. As a result, the proceedings of ICFM-16 comprises a comprehensive range of material topics of interest to fusion concepts.

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