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Journal of Nuclear Materials 289 (2001) 346

journal of
nuclear
materials

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Announcement

10th International Conference on Fusion Reactor Materials 14–19 October 2001 Baden–Baden, Germany

Organized by Forschungszentrum Karlsruhe/EURATOM Fusion
Association

Preparations have begun for the Tenth International Conference on Fusion Reactor Materials (ICFRM-10). The conference is the major international forum for the exchange of information about materials to be used in fusion power systems. The objective of ICFRM-10 encompasses the whole spectrum of materials research, development, selection and engineering related to near and long-term fusion applications. Materials issues and materials engineering for magnetic and other fusion concepts are to be presented and discussed. The conference provides an excellent opportunity for materials researchers and related system designers to report on recent scientific and technical progress and to formulate ways of addressing key issues in the future. Within this broad coverage the conference highlights topics in the following categories:

- *Materials and their properties*: Plasma facing and high heat flux materials; low activation and other structural

materials; breeding and blanket materials; dielectrics, insulators, windows and diagnostics.

- *Irradiation behavior*: Fundamental of irradiation effects; microstructure development, helium and hydrogen embrittlement; mechanical properties; creep and swelling.

- *Processing & system properties*: Materials fabrication and joining; coatings and barriers; corrosion and compatibility.

- *Associated technology*: Irradiation facilities; small specimen technology.

For details, see the homepage <http://www.icfrm.fzk.de>

Invited and accepted contributed papers will be published in a special issue of Journal of Nuclear Materials.