



Call for Papers

16th Topical Meeting on the Technology of Fusion Energy

Monona Terrace Convention Center
Madison, Wisconsin
September 14 - 16, 2004



Scope: The TOFE meeting will provide a forum for sharing the exciting new progress that has been made in fusion research as well as presenting the future of national and worldwide fusion program.

Organizing Committee:

General Chair:

Gerald Kulcinski (UW)

Vice Chair:

Masahiro Seki (JAERI)

Technical Program Chair:

Laila El-Guebaly (UW)

Assistant Technical Program

Chairs:

Ichiro Yamamoto (Nagoya U.)

René Raffray (UCSD)

Finance Chair:

James Blanchard (UW)

Publications Chair:

Mohamed Sawan (UW)

Registration Chair:

Mark Anderson (UW)

Student Awards:

Paul Wilson (UW)

Special Events:

John Santarius (UW)

Publicity and Webmaster:

Dennis Bruggink (UW)

Sponsorship

ANS Fusion Energy Division

ANS Wisconsin Local Section

Atomic Energy Society of Japan - FED

US Department of Energy

University of Wisconsin - Madison

Technical Topics

- Engineering of experimental devices • Power plant studies • High heat flux components • IFE target fabrication, injection, and tracking • In-vessel components (blanket, shield, vacuum vessel)
 - IFE chamber dynamics and clearing • Magnets
- Nuclear analysis and experiments (neutronics, shielding, and activation) • Structural and breeding materials • Material and component test facilities • Blanket testing • Safety and environment • Radwaste management • Tritium handling and processing • Plasma engineering, heating, and control • Diagnostics • Fabrication, assembly, and maintenance • Power conversion and conditioning • Computational tools and validation experiments • Alternate, non-electric applications of fusion
 - Hydrogen production • Socioeconomics

Deadlines:

- Electronic submission of 400-word abstract - May 1, 2004
- Author notification of acceptance - June 1, 2004
- Final paper submission - September 14, 2004.

Please submit abstracts describing work that is new, significant, and relevant to both MFE and IFE fusion technologies. Electronic submittal system is available at the meeting web site: <http://fti.neep.wisc.edu/tofe>

Accommodation: Blocks of rooms have been reserved at two hotels for ANS-TOFE attendees. The Hilton (meeting hotel) is connected to the Monona Terrace by a skywalk and the Best Western is four blocks from the Convention Center. See the meeting web site for details.

For more information, please contact the Technical Program Chair: Laila El-Guebaly, 1500 Engineering Dr., Madison, WI 53706, Tel: (608) 263-1623, Fax: (608) 263-4499, E-mail: elguebaly@engr.wisc.edu

