The 22nd ANS Topical Meeting on the Technology of Fusion Energy

Scope:

TOFE will provide a forum for sharing the exciting progress made in fusion research as well as presenting future plans for national and worldwide fusion programs.

August 22-25,2016

CALL FOR PAPERS

Sheraton Society Hill

PHILADELPHIA

Relevant topics include:

Fusion Research Facilities - MFE & IFE

- Power plant studies
- Next step facilities DEMO
- Alternate fusion concepts
- Fission-fusion hybrids
- · Other hybrids
- Materials and Component Test Facilities

Advanced Confinement

- Computational tools and validation experiments
- Nuclear analysis and experiments
- · Plasma material interactions
- Advanced computational techniques

Systems Engineering

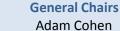
- Power conversion
- Safety and environment
- Non-electric applications of fusion
- Plasma engineering, heating, and cooling
- Fuel handling and processing
- Diagnostics (plasma and other)

Components

- In-vessel components
- Divertors and high heat flux components
- Fabrication, assembly and maintenance
- Magnets

Support Technology

- · Materials development and modeling
- · Fuel cycle and breeding
- Vacuum technology
- Cryogenics
- IFE driver and chamber technology
- IFE target design, fabrication and injection
- Advanced manufacturing techniques
- 3D printing
- Astrophysics diagnostics
- Laboratory
- Plasma manufacturing



Organization:

Susana Reves Arnie Kellman

Technical Program Chair Charlie Gentile

Publications Chair

Kelsey Tresemer

Finance/Organizing Chair

Keith Rule

Sponsors and Exhibits Chair

Alexander Nagy

Local Organizing Committee

Keith Erickson

Contact & Information:

Web site: tofe16.ans.org

For more info, contact:

Publications Chair

Kelsey Tresemer

e-mail:

ktreseme@pppl.gov

Tel: (609) 243-3481

KEY DATES

Abstract Submission: February 15, 2016

Abstract Notification: April 15, 2016

Full Paper Submission: August 22, 2016



