
**Sawgrass Marriott Resort,
Jacksonville, Florida
June 2 – 6, 2019**

Second Call for Papers



<http://sofe2019.utk.edu>

**DEADLINE
FOR ABSTRACTS
December 07, 2018**

**SPONSORED BY
IEEE/NPSS
Fusion Technology Committee**

General Chair

Dennis Youchison
Oak Ridge National Laboratory
865-574-0208
youchison@ieee.org

The 28th IEEE Symposium on Fusion Engineering will be held from June 2-6, 2019 in Jacksonville, Florida at the Sawgrass Marriott Resort. The Symposium is dedicated to the scientific, technological and engineering issues of fusion energy research and is a mixture of oral presentations and poster sessions allowing for extensive interactions among the participants.

Submissions are requested in all areas of fusion engineering, including:

- Experimental devices
- Next step devices and power plants
- MFE and IFE Alternate Concepts
- Innovative and disruptive technologies
- Divertors and high heat flux components
- Chambers, blankets, and shields
- Fueling, exhaust and vacuum systems
- IFE fusion studies and technologies
- Plasma Facing Materials and Surface Engineering
- Diagnostics engineering and integration
- Safety and neutronics
- Materials
- Heating and current drive
- Disruption mitigation and control
- Operation and maintenance, remote handling and RAMI
- Magnet Engineering
- Power and control
- Process simulation and plant simulators
- Systems engineering and large scale integration

And

An open Town Hall meeting on: “Accelerating the Development of Fusion Power”

Technical Program Committee

Brad Nelson, (ORNL retired), Chair
Jean Paul Allain, Univ of Illinois
Harry Bailey, ORNL
Hans-Stephan Bosch, IPP
Lee Cadwallader, INL
Shishir Deshpande, ITER India
Guenter Janeschitz, (ITER org, ret.)
Leonid Kimchenko, ITER Russia
Satoshi Konishi, IAE Kyoto
Ingo Kuehn, ITER organization
Arnie Lumsdaine, ORNL
Susana Reyes, LLNL
David Williamson, ORNL
Yican Wu, FDS
Yeongkook Oh, NFRI

Minicourse Coordinator

Daniel Andruczyk, UIUC

Publications Chair

Hutch Neilson, PPPL

Treasurer

Kevin Freudenberg, ORNL

Local Arrangements

David Donovan, UTK
John Teehan, IEEE MCE

Events Chair

Ankita Jariwala, PPPL

Webmaster

Ashly Pearson, UTK

Awards Chair

Martin Nieto-Perez, IPN

Ombudsman

Charles Neumeyer, PPPL

Preparing Abstracts

Abstracts must be entered using the editor tool on the Indico website. Text may be typed directly or pasted from a word processor. The editor tool automatically performs the required formatting. Therefore, all abstracts must be submitted via the web following the links on <http://sofe2019.utk.edu>.

The deadline for submission of Abstracts is December 7, 2018. Authors will be notified of acceptance by February 01, 2019. All authors of SOFE-2019 presentations, whether oral or poster, will have the opportunity to publish their work in a special issue of IEEE Transactions on Plasma Science (TPS), a peer-reviewed journal. Note that the work must have been presented at the conference by either the first author or a knowledgeable co-author in order to be eligible for publication in the special issue. More information is available on the conference web site.

Symposium Information

Additional information about the Symposium can be found at the official 28th IEEE/NPSS SOFE Web Site: <http://sofe2019.utk.edu> including registration and lodging information. Early registration begins December 01, 2018 and ends April 14, 2019.

ORAL SESSIONS: Authors of invited papers will be allowed a total of 30 minutes (25 for presentation, 5 for discussion) for their oral presentations. Authors of selected contributed papers will be allowed 20 minutes (15 for presentation, 5 for discussion). Paper selection is the responsibility of the Technical Program Committee.

POSTER SESSION: Poster sessions will be offered each afternoon of the conference. The Technical Program Committee reserves the right to assign papers to either poster or oral sessions to ensure an optimum program

