

Call for U.S. Papers for IAEA 2014 Fusion Energy Conference

The 25th IAEA Fusion Energy Conference (FEC 2014) will be held in St. Petersburg, Russian Federation, October 13-18, 2014. The official announcement from the IAEA is available at <http://www-pub.iaea.org/iaeameetings/46091/25th-Fusion-Energy-Conference-FEC-2014>.

Here is the schedule for the submission and selection of U.S. papers for this conference.

U.S. Submission Deadline:

- The deadline for submission of the abstracts and two-page extended synopses to the U.S. Paper Selection Committee is **February 5, 2014**.
- Please email these two documents (abstract and synopsis) to FEC2014.US@science.doe.gov before this deadline.
- The categories for papers are listed below. Be sure to indicate the category and subtopic (for EX and TH) in which each paper should be considered (consult Annex A “Scientific Guidelines for Authors” of the IAEA announcement).

OV	Overview
EX	Magnetic Confinement Experiments
TH	Magnetic Confinement Theory and Modelling
PPC	Plasma Overall Performance and Control
IFE	Inertial Fusion Experiments and Theory
ICC	Innovative Confinement Concepts
FIP	Fusion Engineering, Integration and Power Plant Design
SEE	Safety, Environmental and Economic Aspects of Fusion
FNS	Fusion Nuclear Physics and Technology
MPT	Materials Physics and Technology

The files must be in PDF format. To facilitate the processing of these electronic files, please use the following file-naming convention:

[first author's family name].[initial of first author's given name]-[topic]-[subtopic]-Abstract
[first author's family name].[initial of first author's given name]-[topic]-[subtopic]-Synopsis

Examples:

Smith.J-EX-C-Abstract.pdf
Jones.R-TH-S-Synopsis.pdf
Johnson.T-IFE-Abstract.pdf

- In addition, please fill in a line on the attached spreadsheet for each abstract/synopsis and submit it to the same email address along with your abstract and synopsis. We would prefer only one spreadsheet for each institution listing all of the abstracts/synopses, but it is acceptable to send one spreadsheet along with each abstract/synopsis. Replace the sample data with your actual data.

To facilitate the processing of these spreadsheets, please use the following file-naming convention:

[institution name]-Information

or

[first author's family name].[initial of first author's given name]-Information

Examples:

PPPL-Information.xlsx
Smith.J-Information.xlsx

U.S. Paper Selection Committee:

- The U.S. Paper Selection Committee will select the papers to be forwarded to the IAEA. This Committee will meet in Germantown, Maryland, on **February 19-20, 2014**.
- The members of the Committee are Steven Sabbagh, Martin Greenwald, Bill Heidbrink, Punit Gohil, Gary Taylor, and John Canik (EX and PPC); Vincent Chan, François Waelbroeck, Jim Myra, Amitava Bhattacharjee, and Paul Terry (TH); David Gates and Brett Chapman (ICC); Nermin Uckan (FIP, FNS, MPT, SEE), and Pravesh Patel, James Weaver, and Daniel Sinars (IFE).

After the U.S. Selection Process:

- The results of the U.S. Paper Selection Committee meeting will be communicated to the authors by February 28, 2014. Authors will be informed whether their papers have been selected for submission to the IAEA and about any recommendations from the U.S. Paper Selection Committee for combining or modifying the accepted papers.
- The authors whose papers have been selected for submission to the IAEA should submit their abstracts and two-page synopses directly to the IAEA, following the instructions in Section D of the IAEA announcement, **by 21 March 2014**. Copies should also be sent to FEC2014.US@science.doe.gov.
- Authors whose papers have been selected will receive additional information and details at the time when they are notified.

FEC2014 Program Committee:

- The IAEA FEC2014 international Program Committee will make the final selection of the papers for the conference. The FEC2014 Program Committee will meet **April 7-11, 2014**, in Vienna.
- The U.S. members of the international Program Committee will be Martin Greenwald, Steven Sabbagh, Vincent Chan, Pravesh Patel, and Stephen Eckstrand.

ITER-Related Papers:

- The ITER topic area has been eliminated, so ITER papers will be evaluated for overview and oral talks in comparison with all the other papers submitted to the conference. In order to properly support all papers submitted by U.S. first authors, we are asking that all U.S. first-author papers, including ITPA papers, be submitted to the U.S. paper selection committee (papers submitted by U.S. authors who are members of the IO staff are excepted). In order to avoid conflicting guidance, the U.S. paper selection committee will not suggest combining papers that are also going through the ITER selection process with other papers, but it will evaluate how such papers compare with other U.S. first-author papers.
- Papers on diagnostics may not be submitted to the Fusion Energy Conference (in accordance with the IAEA guidelines in Annex A). However, if a result described in one paper depended on significant advances in diagnostic capabilities, the diagnostic technique may be discussed as part of the paper.

Please share this information with colleagues at your institution and at other institutions. It will also be posted on the DOE Fusion Energy Sciences web site. If there are any questions, please contact me.

Stephen Eckstrand