

## Second Call for U.S. Papers for IAEA 2020 Fusion Energy Conference

The 28<sup>th</sup> IAEA Fusion Energy Conference (FEC 2020) will be held in Nice, France on October 12-17, 2020. The official IAEA website can be found at: <https://www.iaea.org/events/fec-2020>.

As in the past, the U.S. submissions will be evaluated by a paper selection committee before FES submits nominations to the IAEA. This ensures that the strongest U.S. papers are submitted to this highly competitive international conference. Here is the schedule for the submission and selection of U.S. papers:

### U.S. Submission process:

- The deadline for submission of the abstracts and two-page extended synopses to the U.S. Paper Selection Committee is **January 20, 2020**. These two documents (abstract and synopsis) should be mailed to [FEC2020.US@science.doe.gov](mailto:FEC2020.US@science.doe.gov) before this deadline.
- Please see the official announcement and call for papers here: <https://www.iaea.org/sites/default/files/19/12/cn-286-announcement.pdf>. Annex A in this document identifies the topical areas along with associated keywords. Please note that there are no subtopical areas this year. Also, note that the keywords are indicative of the topical area and are not limiting.
  - **EX: Magnetic Fusion Experiments**
    - Keywords: toroidal and helical configurations, confinement, stability, performance and control, wave-plasma interactions, current drive, heating, energetic particles, plasma-material interactions, divertors, limiters, scrape-off-layer
  - **TH: Magnetic Fusion Theory and Modelling**
    - Keywords: confinement, stability, performance and control, wave-plasma interactions, current drive, heating, energetic particles, plasma-material interactions, divertors, limiters, scrape-off-layer
  - **TECH: Fusion Energy Technology**
    - Keywords: materials, magnets, engineering, system integration, neutron sources, radiation transport and activation, power plant design, safety, maintenance and remote handling, socio-economic and environmental aspects
  - **IFE: Inertial Fusion Energy**
    - Keywords: materials, power plant design, targets, drivers
  - **IAC: Innovative and Alternative Fusion Concepts**
    - Keywords: linear configurations, non-magnetic configurations, hybrid concepts, fusors
- Authors should consult Annex B “Scientific Guidelines for Authors” of the IAEA announcement.
- All submitted 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]-Abstract
  - [first author’s family name].[initial of first author’s given name]-[topic]-Synopsis

**Examples:**

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

- In addition, please fill in a line in the attached spreadsheet for each submission 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

- Authors should be aware that only one paper per same first author may be submitted for consideration.

**U.S. Paper Selection Committee:**

- The U.S. Paper Selection Committee (USPSC) will select the papers to be forwarded to the IAEA. This Committee will meet in Germantown, Maryland, on **February 4-5, 2020**.

**After the U.S. Selection Process:**

- The results of the U.S. Paper Selection Committee meeting will be communicated to the authors soon after the USPSC meeting. 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 selected 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 March 16, 2020** (European time zone). Copies should also be sent to [FEC2020.US@science.doe.gov](mailto:FEC2020.US@science.doe.gov).
- Authors will also be required to submit their Participation Form (Form A) and a Form for Submission of a Paper (Form B) to Ms. Shahida Afzal ([Shahida.Afzal@science.doe.gov](mailto:Shahida.Afzal@science.doe.gov)) at FES. These forms can be obtained from the IAEA conference website, *Please note that anyone who is not a lead author on a paper (i.e. a contributing author or someone not associated with any paper) who wants to attend the meeting is also required to submit a Form A to Ms. Afzal.* These forms will be forwarded to IAEA by FES to complete the nomination process.

**FEC2020 Programme Committee:**

- The IAEA FEC2020 International Programme Committee will make the final selection of the papers for the conference. The Programme Committee will meet May 11-15, 2020, at the IAEA Headquarters in Vienna, Austria.
- All decisions about whether a paper is to be accepted, to be an oral or poster presentation, or to be rapporteured, etc., will be made by the IAEA FEC2020 International Programme Committee and will be communicated to the author directly by the IAEA. However, U.S. authors can express their preference for an oral or poster presentation in their submission to the USPSC.
- The U.S. members of the International Programme Committee are David Hatch, Jerry Hughes, Matthew Lanctot, Tammy Ma, and Mario Podesta.

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 home page (<https://science.osti.gov/fes>). For

technical questions, please contact me or Josh King ([Josh.King@science.doe.gov](mailto:Josh.King@science.doe.gov)). For administrative questions, please contact Ms. Shahida Afzal ([Shahida.Afzal@science.doe.gov](mailto:Shahida.Afzal@science.doe.gov)).

Should you have any questions, please do not hesitate to contact us.

Regards,

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