

Papers/Manuscripts

Conference dates: Sunday, May 15, 2022 - Thursday, May 19, 2022
Rochester, New York

The invited and contributed papers will be published in *Review of Scientific Instruments* (RSI) and grouped in an **RSI: Conference Proceedings** which will be accessible from the RSI home page. These will be assembled under the name "Proceedings of the 24th Topical Conference on High-Temperature Plasma Diagnostics". The published papers will only be available electronically. They will appear on the RSI website within a few weeks of their being accepted for publication.

Submitted papers should include a description of new, innovative diagnostics and techniques as applied to high temperature plasmas, including new applications and innovative data-driven methods. The manuscript should be clearly focused on describing the instrumentation and its performance.

Papers/manuscript should include sufficient details of the design, constraints, capability, with a supporting level of simulation and performance predictions (e.g. noise, signal levels, resolution, etc), especially when data may not be available at the time of the conference.

The following will NOT be accepted as a manuscript/paper but may be presented as a poster:

- Laboratory reports
- Status reports
- Designs without supporting simulations
- General overviews or plans
- Recent existing/published design(s)
- Relocation of an existing system
- Already published material
- Detailed scientific results discussions (which would be more appropriate for physics journals)

Topical reviews will be accepted for invited talks, which are intended to be overviews.

Submitting a paper is NOT mandatory to present a poster or give a talk at the conference, but encouraged. While the description of parts of a new diagnostic may be shown on more than one poster, only one paper giving the full description of the diagnostic should be submitted.

Note, however, that a poster/talk must be presented in order to be included in the Proceedings.

All papers will be refereed by 2 experts.

The maximum lengths of the papers will be 9 pages for invited talks and 5 pages for contributed (posters). All lengths of papers must be within these limits.

The AIP/RSI manuscript submission website will open by April 18, 2022.

The deadline for submitting a paper is Monday May 16, 2022 (the first day of the conference). A few days delay in submission of manuscripts will be acceptable but none will be accepted after Friday, June 3, 2022.

The manuscript must be submitted in good scientific American English; this is the author's responsibility. Resources are available at AIP ([AIP Author services](#)) to help authors to create good papers.

Templates can be found under <http://rsi.peerx-press.org/>. These templates can be used to ESTIMATE your manuscript length. They also include general guidelines.

Authors should be sure to select the “Conference Article” manuscript type when beginning their submissions.