

SPRAT

Space Photovoltaic Research and Technology Conference

September 4 - 6, 2024
NASA Glenn Research Center
Cleveland, OH

CALL FOR ABSTRACTS

The deadline for abstract submission is June 28, 2024.

The 28th Space Photovoltaic Research and Technology (SPRAT) Conference will be hosted by NASA Glenn Research Center onsite in Cleveland, OH. This meeting focuses on many aspects of space photovoltaics from cell development to mission application.

Abstract submissions in the following key areas are highly encouraged:

- III-V technologies
- Silicon, perovskite, and thin-film technologies
- Tandem and multijunction research efforts
- Interconnect, coverglass, module, and blanket technologies
- Space array designs (including in-space, surface, and concentrators)
- Photovoltaic power system designs (including PMAD, power modelling)
- PV testing, characterization, and qualification
- PV manufacturing and process improvements to reduce cost
- Radiation damage and environmental interactions
- Missions and flight experiments
- Power beaming utilizing photovoltaics

Please email your abstracts to Meghan Bush (meghan.bush@nasa.gov). Instructions and guidelines for abstract submissions are available below and can be found on the SPRAT website, <https://www1.grc.nasa.gov/sprat/>.

This year's SPRAT conference will also include a **Poster Session** for students in all the key areas mentioned above. Please note interest in participating in the poster session with your abstract submission.

We hope everyone in the space photovoltaic community will have the opportunity to join us in person this summer as we celebrate our 28th SPRAT Conference.

Sample Paper Title: Instructions for SPRAT XXVIII Abstract Submissions

Sample Author #1, Author Affiliation

Sample Author #2, Author Affiliation

To ensure the proper evaluation of abstracts submitted to the 28th Space Photovoltaic Research and Technology Conference, all authors are requested to submit a Publication Abstract. The Publication Abstract will be included in an abstract booklet handed out at the conference. The Publication Abstract is limited to one page and should follow the format used for these instructions. The Publication Abstract should include the paper title, all authors and their affiliation, body of the abstract, and the technical point of contact for further questions. It is recommended that justified Times 11-point font be used for the body, Times 14-point Bold for the paper title, with surrounding one-inch margins. The Publication Abstract should be submitted in a Microsoft Word or plain text format. While not encouraged, figures/pictures may be used in the Publication Abstract where suitable, so long as the one-page limit is not exceeded. The images/figures will be printed in grayscale.

Please email all abstract submissions to Meghan Bush at meghan.bush@nasa.gov. Note that the deadline for abstract submissions is **June 14, 2024**.

Further information on the SPRAT conference may be obtained at the SPRAT website: <https://www1.grc.nasa.gov/sprat/>.

Technical Point of Contact:

Name of technical point of contact

Affiliation of technical point of contact

Phone number

Email address

Indicate here if this is a **Student Poster**