



# 49th POWER SOURCES CONFERENCE

Gaylord National Resort & Convention Center  
Fort Washington, MD

June 27 - 30, 2023

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## CALL FOR PAPERS

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The 49th Power Sources Conference focuses on energy generation and storage technology (largely, but not exclusively electrochemical), which is of interest to the DoD, other government agencies, and the civilian marketplace. As usual, the orientation will be toward devices, but relevant contributions on materials, mechanisms, and power systems are welcome, in addition to contributions on prototype development, manufacturing technology, device and system engineering, and economic and environmental considerations. Both oral and poster presentations are invited. Session topics include but are not limited to the following:

- **DoD Interest Areas:**
  - Powering the Force
  - Electrification of the Battlespace
  - Commanding Energy
- **Advanced Materials and Processes**
- **Aqueous Batteries (Primary & Secondary)**
- **Battery Electrolytes and Interfaces**
- **Battery Safety/Quality/Testing**
- **Customer and Market Trends**
- **Emerging Technologies**
- **Energy Conversion**
- **Fuel Cells, Fuel Processing, and Storage**
- **Ground Vehicle and Large-Format Batteries**
- **Hybrid & High-Power Systems**
- **Microgrid**
- **Molten Salt Batteries (Primary and Secondary)**
- **Platform Power**
- **Power Management**
- **Primary Lithium Batteries**
- **Secondary Lithium Batteries/Lithium-Ion Batteries**
- **Thermal Management**
- **Large scale energy storage for Installation Resilience**
- **Off-grid vehicle charging (tactical and Installation)**

### DEADLINE FOR ABSTRACT SUBMISSION: JANUARY 31, 2023

Abstracts must not exceed one page and should include title, author(s), affiliation, complete mailing address, telephone number, and e-mail address. One additional page of figures may be included. The abstract must clearly state the purpose of the work and the specific technology advancement, and must highlight results that have been obtained and the subsequent impact of the work. Authors should indicate the session topic that most closely relates to their abstract and indicate if they request an oral or poster presentation.

Abstracts can be submitted on the conference web site at <https://www.scomminc.com/pcm/powersources/powersources.cfm>

Authors of papers selected for presentation will be notified via email by March 10, 2023. Accepted authors will be required to prepare an approximately 2000-word 4-page (including figures) camera-ready paper for inclusion in the proceedings to be distributed at the conference. The deadline for submission of papers will be May 12, 2023. Please note that it is the author's responsibility to obtain all required clearances. Administrative matters should be addressed to Samantha Tola, Palisades Convention Management, Inc., 411 Lafayette St., NY, NY 10003; [stola@pcm411.com](mailto:stola@pcm411.com).