

Space-Related Conferences And Trade Shows In 2023

Space applications represent a distinct set of applications for power supplies, dc-dc converters, battery chargers and related power products. These space-grade power converters must meet specific electrical, mechanical, and environmental requirements including radiation hardness.

Industry conferences and tradeshow devoted to space technologies present special opportunities for power converter and power component vendors to market products specifically developed for space applications. Conversely, for designers of space equipment and systems, these events may offer opportunities to learn about the latest power products and interact with vendors.

This list of selected conferences and tradeshow identifies some of the events in 2023 where suppliers and users of power converters and power components for space may meet. Some of these events may also offer technical sessions addressing issues relevant to power system design. *(List updated 05-03-2023)*

February:

Smallsat Symposium

Mountain View, CA

February 7-9, 2023

MROW

Microelectronics Reliability & Qualification Workshop

Feb 7-9, 2023

The Aerospace Corporation

El Segundo, CA

SPACECOM

The Global Commercial Space Conference & Exhibition

Off Planet For The Planet

Advancing space technologies to better our planet and humankind

February 21-23, 2023

Orlando, FL

GSAW

Annual Ground Systems Architectures Workshop

Driving Innovation for Enterprise Integration

Feb 22-March 2, 2023

The Aerospace Corporation

El Segundo, CA

**41 Space-
Related Events
in 2023!**

March:

[IEEE Aerospace Conference](#)

The International Conference for Aerospace Experts, Academics, Military Personnel, and Industry Leaders

March 4-11, 2023

Yellowstone Conference Center

Big Sky, Montana

[ESCCON](#)

The European Space Components Conference

March 7-9, 2023

Pierre Baudis Congress Center

Toulouse, France

[Paris Space Week](#)

March 9-10, 2023

The Paris Expo Porte de Versailles

Paris

[Satellite](#)

Leaning In, Linking Up.

March 13-16, 2023

Walter E. Washington Convention Center

Washington, D.C.

[GOMACTech](#)

Government Microcircuit Applications & Critical Technology Conference

Microelectronics – the Engine to Keep the US Moving Forward

San Diego, CA

March 20-23, 2023

Notes: Includes session on “Advanced GaN Technologies & Applications,” “Advanced Power Electronics,” “GaN Power Electronics,” and “Solid State Technology for Pulsed Power” (see https://www.gomactech.net/2023_Gomactech_Final_Program_Grid.pdf). The GOMACTech Conference is an Unclassified, Export-Controlled event that requires participants to be U.S. Citizens or legal U.S. Permanent Residents.

[ICREED](#)

International Conference on Radiation Effects on Electronic Devices

March 27-28, 2023

Paris, France

April:

[Space Symposium](#)

April 17-20, 2023

The Broadmoor Hotel

Colorado Springs, CO

[CubeSat Developers Workshop](#)

April 24-27, 2023

Cal Poly San Luis Obispo

San Luis Obispo, CA

[HEART](#)

Hardened Electronic and Radiation Technology conference

ITAR (U.S. citizens only)

April 24-28, 2023

Omaha, NE

[CMSE](#)

Components for Military & Space Electronics Conference and Exhibition

April 25-27, 2023

Four Points by Sheraton (LAX)

Los Angeles, CA

Notes: Includes power-related talks such as "Efficient DC Voltage Conversion Without Switching—A Path To Extremely Compact And Low-Noise DC Voltage Regulators" and "New GaN Power Products For Avionics, Defense & Space".

[Space Power Workshop](#)

Celebrating 40 Years of Space Power: Supporting mission success in an increasingly agile space domain.

April 25-27 2023

Torrance Marriott Redondo Beach

Torrance CA

Notes: This workshop covers many power-related topics as they relate to space including energy storage (particularly batteries), power generation including solar cells, and Power Management and Distribution (PMAD).

May:

[Inter-Planetary Small Satellite Conference](#)

May 1-2, 2023

California Institute of Technology

Pasadena, CA

Notes: "This conference is organized by students, alumni, and staff from Caltech, MIT, Cornell, the University of Michigan, JPL, California Polytechnic State University, and NASA's Small Spacecraft Systems Virtual Institute. We look forward to welcoming the community back to ISSC to explore mission concepts, discuss emerging technologies, and foster "outside the box" thinking that will be critical to future interplanetary small satellite missions."

[Space Parts Working Group](#)

Hybrid

May 2-3, 2023

The Doubletree by Hilton Hotel

Torrance-South Bay, CA

[Space Tech Expo USA](#)

May 2-4, 2023

Long Beach Convention & Entertainment Center

Long Beach, CA

[IAA Symposium On Small Satellites For Earth System Observation](#)

May 7-12, 2023

Berlin, Germany

[Xponential](#)

Building The Blueprint For Autonomy.

May 8-11, 2023

Colorado Convention Center

Denver, CO

[Cybersat Summit](#)

Security in Connectivity

CyberLEO

May 10-12, 2023

Los Angeles, CA

[SEE/MAPLD Workshop](#)

Single Event Effects Symposium/Military & Aerospace Programmable Logic Devices Combined Workshop

May 15-19, 2023

Marriott La Jolla

San Diego, California

[Space Communications And Navigation Summit](#)

The Power of Optical & Quantum Technology, Networking, & Interoperability

Online

May 16, 2023

June:

[Future Military Space USA](#)

Maintaining Dominance In A Contested, Congested And Competitive Space

June 5-6, 2023

Renaissance Los Angeles

Los Angeles, CA

[SmallSat & Space Access Summit](#)

Leveraging Innovation To Enhance Small Spacecraft & Launch Capabilities At Mission Speed

June 7-8, 2023

The Sunset Room,

National Harbor, MD

[ICSOS](#)

IEEE International Conference on Space Optical Systems

June 15-16, 2023

Copenhagen, Denmark

[MILSATCOM USA](#)

Driving Satcom Innovation To Ensure Warfighter Advantage

June 21-22, 2023

Hilton Arlington

Arlington, VA

[NSMMS and CRASTE](#)

National Space & Missile Materials Symposium

Commercial And Government Responsive Access To Space Technology Exchange

June 26-29, 2023

Tucson Hilton El Conquistador

Tucson, AZ

July:

[SMC-IT/SCC](#)

IEEE Space Mission Challenges for Information Technology—IEE Space Computing Conference

July 18-21, 2023

Caltech

Pasadena, CA

[NSREC](#)

IEEE Nuclear and Space Radiation Effects Conference

July 24-28, 2023

Sheraton Kansas City Hotel at Crown Center

Kansas City, MO

Notes: This event is a great source of information on rad-hard power semiconductors and power converters with many vendors of these products participating in the exhibition. For information on power components introduced at last year's NSREC, see "[NSREC Notes: Exhibitors Showcase Latest Reference Designs Along With Progress In Rad-Tolerant And Rad-Hard Power Components](#)". For more news about rad-hard power semiconductors and power converters see How2Power's [Space Power section](#).

[ISSR&D](#)

International Space Station R&D Conference

July 31-August 3, 2023

Hyatt Regency Seattle

Seattle, WA

August:

[Small Satellite Conference](#)

Missions at Scale

August 5-10, 2023

Utah State University

Logan, UT

Notes: Exhibit includes some rad-hard power semiconductor manufacturers.

[SMD Symposium](#)

Space and Missile Defense Symposium

Space and Integrated Air, Missile Defense: Meeting the Global Challenge

August 8-10, 2023

Von Braun Center

Huntsville, Alabama

September:

[RADECS](#)

Conference on Radiation and its Effects on Components And Systems

September 25-29, 2022

Toulouse, France

Notes: Exhibition includes rad-hard power semiconductor and module manufacturers.

October:

[ESPC](#)

European Space Power Conference

October 2-6, 2023

Centro De Congresos De Elche

Elche, Spain

Notes: The ESPC is a major international forum covering all aspects from the most relevant topics of electrical power for space applications, such as power management and distribution, solar generators and energy storage. VPT is an exhibitor at this event.

[IAC](#)

International Astronautical Congress

Global Challenges And Opportunities: Give Space A Chance

October 2-6, 2023

Baku, Azerbaijan

[Silicon Valley Space Week](#)

Satellite Innovation & Milsat Symposium

October 17-20, 2023

Mountain View, CA

[International School of Radiation Damage and Protection](#)

12th Course. Challenges in Radiation Damage and Radiation Protection during Design and Operation of Accelerator Facilities and Space Missions

October 23-30, 2023

Ettore Majorana Foundation

Erice (Sicily), Italy

November:

[Cybersat Summit](#)

Security in Connectivity

CyberSatGov

November 6-8, 2023

Reston, VA

[Space Tech Expo Europe](#)

November 14-16, 2023

Congress Bremen—Messe Bremen

Bremen, Germany

[NASA Aerospace Battery Workshop](#)

November 14-16, 2023

Huntsville, AL

Know of a conference or tradeshow addressing space technology that is not listed here? Email the [editor](#) to tell How2Power about it.