

Space-Related Conferences And Trade Shows In 2022

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 2022 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.

January:

[SPACECOM](#)

The Global Commercial Space Conference & Exhibition

Developed in Partnership with Spaceport Summit

January 10-12, 2022

Orlando, FL

February:

[Smallsat Symposium](#)

Mountain View, CA

February 8-10, 2022

[MRQW](#)

Microelectronics Reliability & Qualification Workshop

Feb 8-10, 2022

Virtual event

[GSAW](#)

Annual Ground Systems Architectures Workshop

Driving Innovation for Enterprise Integration

Feb 23-March 3, 2022

Virtual

March:

[IEEE Aerospace Conference](#)

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

March 5-12, 2022

Yellowstone Conference Center

Big Sky, Montana

[HEART](#)

Hardened Electronic and Radiation Technology conference

ITAR (U.S. citizens only)

March 7-11, 2022

Tarrytown, NY

[Paris Space Week](#)

March 14-15, 2022

Paris

[GOMACTech Conference](#)

Government Microcircuit Applications & Critical Technology Conference

Enabling Distributed Capabilities: Microelectronics Thriving in the Face of Change

ITAR (U.S. citizens only)

March 21-24, 2022

Hyatt Regency Miami

Miami, FL

[Satellite](#)

Creating Opportunity. Expanding Horizons

March 21-24, 2022

Walter E. Washington Convention Center

Washington, D.C.

[ICREED](#)

International Conference on Radiation Effects on Electronic Devices

March 28-29, 2022

Paris, France

[ICSO](#)

IEEE International Conference on Space Optical Systems and Applications

March 28-31, 2022

Hybrid: In-Person and Virtual Conference

Kyoto, Japan

April:

[Space Symposium](#)

April 4-7, 2022

The Broadmoor Hotel

Colorado Springs, CO

[AUVSI Xponential](#)

All Things Unmanned

April 25-28, 2022

Orlando, FL

[Space Power Workshop](#)

April 25-29 2022

Virtual

Notes: "The Space Power Workshop sessions include Power Systems Architecture, Power Management and Distribution (PMAD), Energy Generation, Energy Storage, Advanced Concepts, and SPW Lightning Talks. This year, for the first time, we will have a classified session on Monday, April 25."

[CMSE](#)

Components for Military & Space Electronics Conference and Exhibition

April 26-28, 2022

Virtual

Notes: Call for Papers includes "GaN and SiC for RF and power management".

[CubeSat Developers Workshop](#)

April 26-28, 2022

Cal Poly San Luis Obispo

San Luis Obispo, CA

May:

[Inter-Planetary Small Satellite Conference](#)

Beyond LEO

May 2-3, 2022

California Polytechnic State University

San Luis Obispo, 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."

[Cybersat Summit](#)

Security in Connectivity

CyberLEO

May 11-13, 2022

Los Angeles, CA

[SEE/MAPLD Workshop](#)

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

Week of May 16, 2022

Location to be determined as of 12-27-2021.

[4S Symposium](#)

Small Satellites Systems and Services

May 16-20, 2022

Vilamoura, Portugal

[Space Tech Expo USA](#)

May 23-25, 2022

Long Beach, CA

June:

[NSMMS and CRASTE](#)

National Space & Missile Materials Symposium

Commercial And Government Responsive Access To Space Technology Exchange

June 27-30, 2022

Notes: As of December 27, 2021, "Due to the continued COVID-19 uncertainty, a decision will be made in the coming months as to if the conferences will be held in person or virtually."

July:

[NSREC](#)

IEEE Nuclear and Space Radiation Effects Conference

July 18-22, 2022

Provo, UT

Notes: This event is a good 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 NSREC, see How2Power's [Space Power section](#).

[ISSR&D](#)

International Space Station R&D Conference

July 25-28, 2022

Washington, D.C.

August:

[Small Satellite Conference](#)

Out Of This World

August 6-11, 2022

Utah State University

Logan, UT

[SMD Symposium](#)

Space and Missile Defense Symposium

August 9-11, 2022

Von Braun Center

Huntsville, Alabama

September:

[IAC](#)

International Astronautical Congress

Space for @ll

September 18-22, 2022

Paris, France

October:

[RADECS](#)

Conference on Radiation Effects on Components And Systems

October 3-7, 2022

Venice, Italy

Notes: Exhibition includes power module manufacturers.

[Ka and Broadband Communications Conference](#)

International Communications Satellite Systems Conference (ICSSC)

October 18-21, 2022

Notes: As of 12-27-2021, "Due to Covid-19 and its variants unpredictable evolution, the 2022 Joint Conference Organizing Committee is now considering holding the joint conference and Colloquium in-person and virtually and the venue has not been booked yet. Candidate locations are Milan or Como Lake. Updating will be posted as soon as available."

November:

[Cybersat Summit](#)

Security in Connectivity

CyberLEO

November 1-3, 2022

Reston, VA

[Space Tech Expo Europe](#)

November 15-17, 2022

Bremen, Germany

[NASA Aerospace Battery Workshop](#)

November 15-17, 2022 (tentative as of 12-27-2021)

Huntsville, AL

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