

Space-Related Conferences And Trade Shows In 2021

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 2021 where suppliers and users of power converters and power components for space may meet. Events where power converter and power component companies appear on the exhibitors' list are noted. Some of these events may also offer technical sessions addressing issues relevant to power system design.

February:

[Smallsat Symposium](#)

Smallsat Business Conference

February 8-11, 2021

Virtual event

[Microelectronics Reliability & Qualification Working Meeting](#)

Feb 9-11, 2021

The Aerospace Corp.

Virtual event, Zoom for government

March:

[IEEE Aerospace Conference](#)

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

March 6-13, 2021

Virtual

[Paris Space Week](#)

Event Dedicated To The Global Space Industry

March 9-10, 2021

100% online

[GOMACTech Conference](#)

Government Microcircuit Applications & Critical Technology Conference

Collaboration Amidst Isolation: Microelectronics Enabling Our Connected Nation

March 29-April 1, 2021

Virtual conference

April:

[Satellite](#)

40 Years In The Making

April 6-8, 2021

LEO Digital Forum

[Space Power Workshop](#)

April 19-22 2021

Virtual

Notes: "Space Power Workshop sessions include Mission and Program Experience, Power Systems Architecture, Power Management and Distribution (PMAD), Energy Generation, Energy Storage, and Advanced Concepts. This year's theme is New Space, which is a new approach to developing Space Vehicles (SV) in addition to our heritage processes for highly reliable Space Vehicles (SV)."

[CMSE](#)

Components for Military and Space Electronics Conference and Exhibition

April 19-23, 2021

Virtual conference

Notes: Program includes "GaN Panel".

May:

[Space Parts Working Group](#)

May 3-6, 2021

Virtual

[AUVSI Xponential](#)

All Things Unmanned

May 4-6, 2021 online

August 16-19, 2021 Atlanta, GA

Online + Atlanta, Hybrid Event Series

[Cybersatgov](#)

Digital

May 10-12, 2021

Satellite

40 Years In The Making

May 18-20, 2021

MEA Region Digital Forum

ICREED

International Conference on Radiation Effects of Electronic Devices

May 29-30, 2021

Paris, France

June:

Satellite

40 Years In The Making

June 15-17, 2021

Satellite 101 Digital Program

NSMMS and CRASTE

National Space & Missile Materials Symposium

Commercial And Government Responsive Access To Space Technology Exchange

June 21-24, 2021

Bethesda North Marriott Hotel & Conference Center

Rockville, MD

July:

NSREC

IEEE Nuclear and Space Radiation Effects Conference

July 17-23, 2021

Virtual event

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](#).

[Satellite](#)

40 Years In The Making

Conference & Exhibition

July 26-29, 2021

Walter E. Washington Convention Center

Washington, D.C.

August:

[ISSR&D](#)

International Space Station R&D Conference

August 2-5, 2021

Hyatt Regency Denver at the Colorado Convention Center

Denver, CO

[Small Satellite Conference](#)

Mission Operations & Autonomy

Operations and data delivery at the speed of light

August 7-12, 2021

Virtual

[AIAA Propulsion & Energy Forum and Exposition](#)

August 9-11, 2021

Virtual Event

[SMD Symposium](#)

Space and Missile Defense Symposium

Space and Integrated Air and Missile Defense in a New Era

August 10-12, 2021

Von Braun Center

Huntsville, Alabama

[AUVSI Xponential](#)

All Things Unmanned

August 16-19, 2021 Atlanta, GA

Online + Atlanta, Hybrid Event Series

[Space Symposium](#)

August 23-26, 2021

The Broadmoor Hotel

Colorado Springs, CO

September:

[RADECS](#)

Conference on Radiation Effects on Components And Systems

September 13-17, 2021

Vienna, Austria

Notes: Exhibition includes power module manufacturers.

[Ka and Broadband Communications Conference](#)

International Communications Satellite Systems Conference (ICSSC)

September 27-30, 2021

Arlington, VA

October:

[Cybersatgov](#)

October 5-7, 2021

Hyatt Regency Reston

Reston, VA

[Space Tech Expo](#)

October 6-8, 2021

Long Beach, CA

[WiSee](#)

IEEE International Conference on Wireless for Space and Extreme Environments

October 12-14, 2021

Cleveland, Ohio

Notes: Includes workshop on "Space Solar Power".

IAC

International Astronautical Congress

October 25-29, 2021

Dubai, United Arab Emirates

November:

Space Tech Expo Europe

Bremen, Germany

November 16-18, 2021

Notes: Exhibitors include power semiconductor and power module makers.

SPACECOM

America's Commercial Space Conference and Exposition

As of 3-15-21, the Spacecom website says stay tuned for 2021 details.

Coming in 2022:

IEEE Aerospace Conference

March 5-12, 2022

Yellowstone Conference Center

Big Sky, Montana

4S Symposium

Small Satellites Systems and Services

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