



Space Power Workshop

April 26–29, 2022
Virtual Event



CALL FOR PAPERS

Summary

The 39th annual Space Power Workshop will be held April 26–29, 2022. This year the workshop will be online to keep everyone safe and will be a mix of pre-recorded presentations and live interactions, including Q&A. The workshop provides an informal, unclassified, international forum for the exchange of ideas and information on space power. The Space Power Workshop sessions include Power Systems Architecture, Power Management and Distribution (PMAD), Energy Generation, Energy Storage, Advanced Concepts, and SPW Lightning Talks.

The Space Power Workshop covers topics of interest to professionals with all levels of expertise. The workshop also provides many industry networking opportunities with both domestic and international attendees. University students are welcome!

All activities are informal and unclassified.

Workshop Registration

Online registration to begin in January 2022 on the Space Power Workshop website at <https://aerospace.org/events>

Registration is required for entrance into all workshop activities.

For registration information, contact: techworkshops@aero.org

For workshop information, contact:

Nathalie Fujino

Workshop Administrator Office
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or

Heather Power

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SPW FIRST ANNOUNCEMENT FOR 2022

Presentation Submittal:

The abstract deadline (one or two paragraphs describing your proposed presentation) is January 21, 2022. Authors interested in presenting, please complete [abstract form](#) and submit [here](#).

Yao Lao

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Visit our website at <https://aerospace.org/events> for updated workshop information.



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Session Organizers

Tuesday, April 26	Wednesday, April 27	Thursday, April 28	Friday, April 29
<p>8:00 a.m. Keynote Speaker Yao Lao The Aerospace Corporation 310.336.3026 yao.y.lao@aero.org</p> <p>8:35 a.m. Plenary Session Yao Lao The Aerospace Corporation 310.336.3026 yao.y.lao@aero.org</p> <p>9:00 a.m. Power Systems Architecture John Morales The Aerospace Corporation 310.336.2208 john.f.morales@aero.org</p> <p>Allen Powers The Aerospace Corporation 310.336.7124 allen.r.powers@aero.org</p> <p>10:30 a.m. Power Management and Distribution (PMAD) Power System Design and Analytical Techniques Selasi Etchey The Aerospace Corporation selasi.etchey@aero.org</p> <p>Kasemsan Siri The Aerospace Corporation 310.336.2931 kasemsan.siri@aero.org</p> <p>11:50 a.m. PMAD Workshop Peter Carian The Aerospace Corporation 310.336.8215 peter.j.carian@aero.org</p> <p>1:20 p.m. Advanced Concepts Margot Wasz The Aerospace Corporation 310.336.2141 margot.l.wasz@aero.org</p> <p>Ann Delleur NASA Glenn Research Center 216.433.5519 ann.m.delleur@nasa.gov</p>	<p>8:00 a.m. Plenary Session Yao Lao The Aerospace Corporation 310.336.3026 yao.y.lao@aero.org</p> <p>8:30 a.m. Energy Generation I Multijunction Solar Cells Jann Grovogui The Aerospace Corporation 310.336.5852 jann.grovogui@aero.org</p> <p>Kenneth Schmieder Naval Research Laboratory 202.404.5758 kenneth.schmieder@nrl.navy.mil</p> <p>10:00 a.m. Energy Generation II Modules and Arrays Design Jeremiah McNatt NASA Glenn Research Center 216.433.3297 jmcmnatt@nasa.gov</p> <p>Christopher Kerestes Air Force Research Laboratory 505.846.3962 christopher.kerestes@us.af.mil</p> <p>11:20 a.m. Energy Generation Workshop Don Walker The Aerospace Corporation 310.336.3070 don.walker@aero.org</p> <p>12:50 p.m. Energy Generation III Reliability and Characterization Colin Mann The Aerospace Corporation 310.336.0914 colin.j.mann@aero.org</p> <p>Robert Walters Air Force Research Laboratory 505.853.7373 robert.walters.13@us.af.mil</p>	<p>8:00 a.m. Plenary Session Yao Lao The Aerospace Corporation 310.336.3026 yao.y.lao@aero.org</p> <p>8:30 a.m. Energy Storage I Space Battery Level Topics Albert Zimmerman The Aerospace Corporation 310.336.7415 albert.h.zimmerman@aero.org</p> <p>Alec Jackson Air Force Research Laboratory 505.846.2462 alec.jackson.1@us.af.mil</p> <p>10:00 a.m. Energy Storage II Cell Level Developments for Energy Storage Valerie Ang The Aerospace Corporation 310.336.6472 valerie.j.ang@aero.org</p> <p>Lloyd Zilch Naval Surface Warfare Center, Crane Division 812.854.2288 lloyd.w.zilch.civ@us.navy.mil</p> <p>11:20 a.m. Energy Storage Workshop Justin Stocker The Aerospace Corporation 310.336.2999 justin.stocker@aero.org</p> <p>12:50 p.m. Energy Storage III Advanced Energy Storage Topics Michael Angell The Aerospace Corporation 310.336.1352 michael.r.angell@aero.org</p> <p>Martin Dann Naval Surface Warfare Center, Crane Division 812.854.8033 Martin.a.dann.civ@us.navy.mil</p>	<p>8:00 a.m. SPW Lightning Talks 1 Christopher Choi The Aerospace Corporation 310.336.3026 christopher.s.choi@aero.org</p> <p>Daniel Gordon The Aerospace Corporation 310.336.5582 daniel.gordon@aero.org</p> <p>9:50 a.m. SPW Lightning Talks 2 Christopher Choi The Aerospace Corporation 310.336.3026 christopher.s.choi@aero.org</p> <p>Daniel Gordon The Aerospace Corporation 310.336.5582 daniel.gordon@aero.org</p>