



Ever Upward: May 2023

Meeting App for New Orleans

Jeff Sventek, Executive Director

The 93rd Annual Scientific Meeting of the Aerospace Medical Association is rapidly approaching, and I hope many of you will be attending. Again this year, a meeting app is available for attendees to help organize your time and schedule for the week's activities. I thought a quick primer on using the meeting app would help many of you, especially if this is your first time using the meeting app. **Please note: This meeting app is free and does not require login credentials at any time.**

To begin, go to the meeting app store for your device (Android, Apple, etc.) and download the "AsMA Events" app to your device. Once downloaded to your device, open the "AsMA Events" app. You will see a list of AsMA Events as shown in the image A below. Select the "93rd Annual Scientific Meeting" from the top of the list. The AsMA Events under the "Concluded" heading are the meeting apps from several previous years of AsMA Annual Scientific Meetings. They are still accessible via this meeting app should you care to review the scientific programs from previous years.

After selecting the 93rd Annual Scientific Meeting, you will land on the meeting app Home page similar to the image shown in image B. The Home page offers you several different options including:

- **Events** – a detailed list of events for each day of the Annual Scientific Meeting;
- **My Schedule** – a list of events you have personally selected to be added to your personal schedule;
- **Info** – a collection of information about the Annual Scientific Meeting such as obtaining CME credit, AsMA Bylaws, sponsorship credits, etc.;
- **Exhibitors** – a full list of exhibitors participating in the 93rd Annual Scientific Meeting with detailed informa-

tion about booth locations and mission descriptions;

- **Speakers** – a list of all authors associated with approved scientific abstracts for the meeting; and
- **Maps** – a series of maps that can be useful for navigating the Sheraton Hotel meeting spaces.

In the upper left corner of the screen above the AsMA logo, you will find the "Hamburger button" that will open a vertical menu on the left side of the screen (as shown in image C).

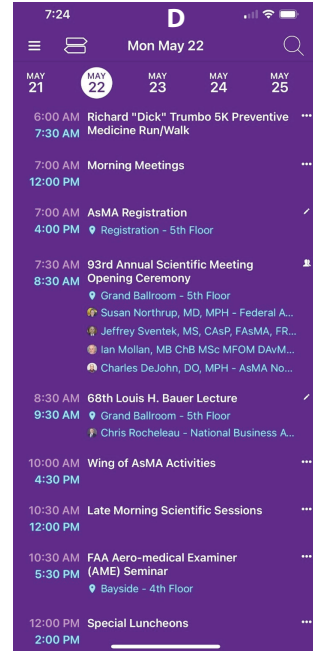
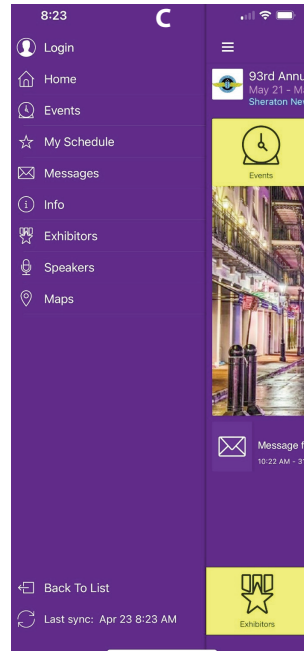
This menu offers the same app options as found on the Home page. At the top of this menu is a "Login" option. This has been a source of confusion in past years with users asking for proper login credentials. **This app is free and does not require any login credentials.** Please ignore the "Login" option on this screen or any other screen within the app. I actually contacted the meeting app vendor and asked if there were a way to gray out this menu option or remove it completely. I was informed the Login option is there for those events that require login credentials and cannot be removed or grayed out at this time.

Select Events Option

When you select the "Events" option from the Home page or the menu list, you will find yourself on the page shown in image D. You will note the dates of the meeting week across the top. Select the date you are interested in viewing and the events for that date will display below. In this example, Monday, May 22, is selected and all of the Monday events are listed.

- Meetings during the day are organized as "Morning Meetings" and "Afternoon Meetings" in the list.
- Scientific Sessions are listed individually for plenary lectures on Monday, Tuesday, and Thursday. The RAM Bowl on Wednesday is also listed individually. All other scientific sessions are listed under the headings of:

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Send information for publication in this newsletter to: Journal Department, AsMA; rtrigg@asma.org

From 'Meeting App,' p. N15

- Early Morning Scientific Sessions (Wednesday only)
- Late Morning Scientific Sessions
- Early Afternoon Scientific Sessions
- Late Afternoon Scientific Sessions
- Special Luncheons show those luncheons offered on each day.
- Wing of AsMA Activities show all events and activities for the Wing of AsMA.
- The FAA Aeromedical Examiner (AME) Seminar offers a detailed itinerary for this FAA-sponsored training.

Sessions

When you select an event such as Session 4 (S-04; see image E), you will be presented with detailed information for the event including:

- Session Title
- Date and Time of Session
- Location of Session with map icon
- List of Presentation Titles for the Session
- List of Speakers for the Session

If you select one of the presentation titles offered, you will be presented with the approved scientific abstract for that presentation so you may read what the authors plan to share during the presentation.

Please note: At the top of the screen is a yellow band with the words “My Schedule”. This serves as a Favorite button for your use. If you wish to attend this session and want to add it to your personal My Schedule, simply tap the yellow My Schedule bar and it will be added to your personal My Schedule for the week.

Scientific Tracks

At the top of the Events page there is a symbol that looks like two road post direction signs. This is the “Tracks” option (see image F). There are six scientific tracks in the 93rd Annual Scientific Meeting. They are:

- Clinical
- Human Performance

- Other (History, Ethics, Board Prep, etc.)
- Safety
- Space
- Travel/Air Transport

If you interested in viewing the scientific sessions associated with one scientific track, simply select the track name and a checkmark will appear. Select “Done” and you will be presented with the scientific sessions aligned with that specific scientific track for each day of the meeting week. To undo the track selection, select the Tracks icon and tap the checked track name. The checkmark will disappear and all scientific sessions will be presented.

Meetings

Selecting the “Morning Meetings” option (see image G) from the list of events for Monday, May 22, provides you a list of meetings throughout Monday morning. Select a meeting you wish to attend and then tap on the yellow My Schedule band for that meeting to add to your personal My Schedule for the week.

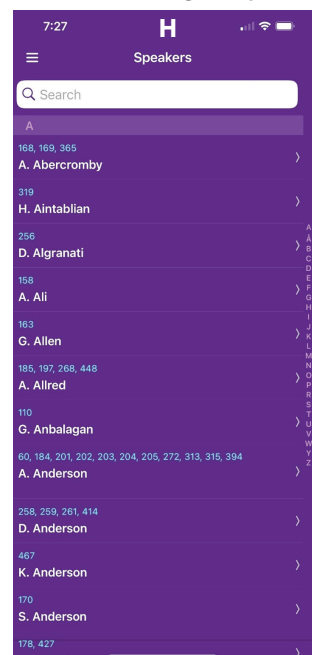
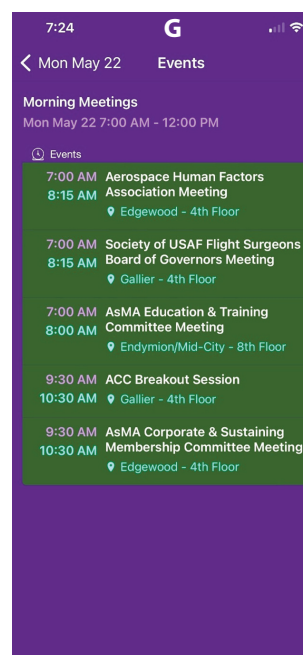
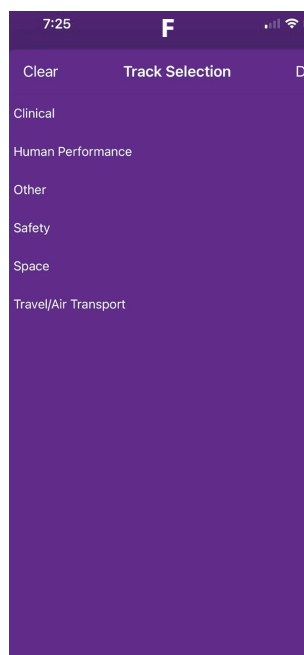
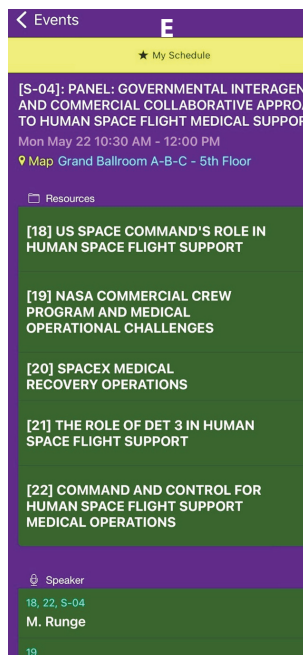
Speakers

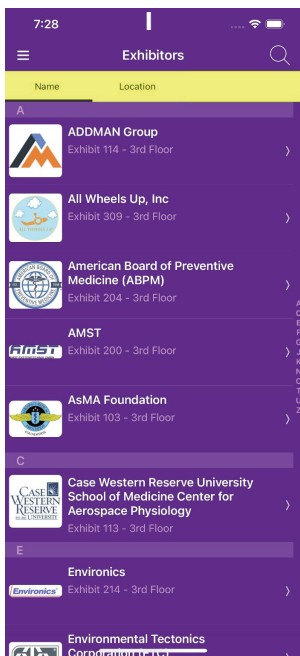
Select the “Speakers” option from the Home page or the menu list. You will be presented with a full list of all authors (image H) from the scientific abstracts approved for the 93rd Annual Scientific Meeting. Each author will have numbers associated with their name. These numbers represent the scientific abstract(s) that show this person as an author. You can search a specific author or speaker by using the search bar. You may also tap on a letter along the right side of the screen to be taken to that part of the Speakers list.

Exhibitors

Selecting the “Exhibitors” option on the Home page or the menu list will present you with a list of all exhibitors participating in the 93rd Annual Scientific Meeting. The list presents the exhibitors alphabetically and shows the Exhibit Booth number for each exhibitor. Selecting one of the exhibitors will provide you more detailed information about each exhibitor along with contact information for the exhibitor.

See image I on p. N17





Looking for meeting information?

The meeting app has the most up to date information. However, the FAA seminar schedule, IAMA schedule, CAMA Sunday schedule, and Day-at-a-Glance are on the [Schedule page](#) under Scientific Meetings > AsMA Annual Scientific Meetings. Also, the Addendum will contain information on other meetings, events, and the lectures. Need to register for the meeting? Visit the [Registration page!](#) We look forward to seeing you in New Orleans.

In Memoriam: James T. Webb

AsMA Home Office staff were deeply saddened to hear of the death of James T. Webb, Ph.D. He was a Fellow of the Aerospace Medical Association and served as the AsMA Vice



President of Education and Research. He also served as the AsMA President (2013-2014) and was honored with the 2018 Louis H. Bauer Founders award.

Dr. Webb entered the U.S. Air Force (USAF) in 1965. Following receipt of his pilot wings in 1966, he became an F-4D Aircraft Commander and terminated active duty in 1970, after a tour in Vietnam, to pursue graduate de-

grees from the University of Washington in Seattle. For his efforts in Vietnam, he received the Distinguished Flying Cross and the Air Medal with eight oak leaf clusters. During graduate work for his Ph.D. in Fisheries (Biochemical Ecology) at the University of Washington in Seattle, he flew C-141A heavy transport jets as a pilot and aircraft commander with the 97th MAS, USAF Reserve (ASSOC), at McChord AFB, WA. After completing graduate work and 2800 hours of C-141A flying time, he resumed extended active duty with the USAF in the Department of Biology faculty, USAF Academy, Colorado Springs, CO, in 1979. He taught biology, aerospace physiology, and comparative animal physiology and served as Director of Research. In 1984, he was assigned to the USAF School of Aerospace Medicine (USAFSAM) at Brooks AFB, TX, as a research physiologist.

At USAFSAM, Dr. Webb worked with crewmembers of Space Shuttle mission 51C in an attempt to quantify fluid shifts during Space Shuttle launch and early phases of adaptation to weightlessness. He served as one of the subjects in a protocol on the USAFSAM human centrifuge during this research project. In 1987, he joined KRUG Life Sciences as a se-

nior research scientist on contract with USAFSAM. For his 1991 article in Aviation, Space, and Environmental Medicine (now Aerospace Medicine and Human Performance), "Unpredictability of fighter pilot G tolerance using anthropometric and physiologic variables" (ASEM 1991; 62:128-35), he received the 1992 Harold V. Ellingson Literary Award from the Associate Fellows Group of the Aerospace Medical Association (AsMA). His later research on DCS led to receipt of the Sidney D. Leverett, Jr., Environmental Science Award in 1999 for his article in the blue journal, "An abrupt zero-preoxygenation altitude threshold for decompression sickness symptoms" (ASEM 1998; 69:335-40).

One of Dr. Webb's research projects demonstrated increased efficiency of preoxygenation by employing exercise to enhance perfusion and ventilation. This research led to receipt of the Fred A. Hitchcock Award for Excellence in Aerospace Physiology from the Aerospace Physiology Society (AsPS) in 1996. The exercise during prebreathe technique was incorporated with NASA findings to enhance denitrogenation prior to the extravehicular activity beginning in 2001. He received the Silver Snoopy award from the NASA astronauts in 2002 for this work. In 2003, he received the Paul Bert Award for Physiologic Research from AsPS and the Professional Excellence Award from the Life Science and Biomedical Engineering Branch (LSBEB) in 2004.

After retirement from the USAF, Dr. Webb continued aerospace physiology research as a scientist with Wyle Laboratories. In 2006, he began employment with Eagle Applied Sciences, LLC, in a curriculum development role aimed at compiling a "Handbook of Aerospace and Operational Physiology" to replace a 1976 Air Force Pamphlet on the same subject. He coordinated the efforts of 28 USAF subject matter experts who contributed to its completion. As part of that effort, he reviewed the decompression sickness research at Brooks AFB from 1960–2010, published in May 2011 as a supplement to the journal. Throughout his 26 years of altitude and acceleration physiology research at Brooks, he published 20 first-author, peer-reviewed research papers in ASEM and co-authored 15 more. He was the winner of the 2011 John Ernsting Award for all his work in physiology.

Dr. Webb was a member of the International Association of Aviation and Space Medicine, Sigma Xi (The Scientific Research Society), and a life member of the Order of Daedalians (The National Fraternity of Military Pilots). He was board certified in Aerospace Physiology by the AsMA and held an Airline Transport Pilot certificate from the Federal Aviation Administration. After retirement, he continued efforts to investigate DCS risk and consulted with the USAF via his consulting firm, Scientific Aerospace Research Consulting (SARC), LLC.

Dr. Webb was instrumental in implementing and growing the Aerospace Physiology Certification Program at AsMA. He served on the AsMA Executive Committee and the AsMA Council. He served as Chairman of the Aerospace Physiology Certification Board and served on the editorial

See "Jim Webb", p. 18

Read Current News Online!

Visit the AsMA & Industry News to read all about it! Members can log in to see the Member News as well. News is posted as we receive it.

From 'Jim Webb,' p. N17

board of the AsMA journal. In 2010, he received the President's Award for his efforts as Chair of the Editor-in-Chief Selection Committee. He was a member of the Space Medicine Association and the Life Sciences and Biomedical Engineering Branch (President 1995-1996) He served on numerous AsMA committees, including the Resolutions Committee, Bylaws Committee, Aerospace Human Factors Committee, History and Archives Committee, Awards Committee, Science and Technology, and many more.

New Members

AsMA welcomes 36 new members in May.
Anderson, Eric; Crownsville, MD, United States
Asachi, Parsa; Los Angeles, CA, United States
Casey, Taylor; Harrisburg, PA, United States
Champion, Carisa; Palm Harbor, FL, United States
Chapman, Grant; Preston, Lancashire, United Kingdom
Estaris, Ryan; Kenner, LA, United States
Flewelling, Ty; APO, AE, United States
Gallogly, Hunter; North Las Vegas, NV, United States
Ghouri, Maaz; Syosset, NY, United States
Haase, Elaisa; Pasay City, Philippines
Hailey, Dylan; Leawood, KS, United States
Hills, Spencer; Portland, OR, United States
Huertas, Erick; Coupeville, WA, United States
Hughes, Matthew; Chicago, IL, United States

Ito, Eri; Tsukuba-Shi, Kantō, Japan
Kaselis, Michael; Pensacola, FL, United States
Kuntzman, Matthew; Bronx, NY, United States
Lanning, Jason; Dothan, AL, United States
Lee, Richard; Vancouver, British Columbia, Canada
Loesche, Michael; Hawthorne, CA, United States
Maceren, Julian; Sound Beach, NY, United States
Muriithi, Andrew; Nairobi, Kenya
O'Brien, Alyvia; Littleton, CO, United States
Paddock, Kieran; Houston, TX, United States
Powell, Blaine; Pensacola, FL, United States
Prest, Phillip; Columbia, SC, United States
Ryan, Daphne; Scottsdale, AZ, United States
Schoenberger, Steven; Waterford, CT, United States
Sowa, Katarzyna; Kraków, Poland
Srinivas, Shruthi; Columbus, OH, United States
Stewart, Philippe; Ottawa, Ontario, Canada
Striegel, Jazmine; Thornton, CO, United States
Strutin, Millard; Hackettstown, NJ, United States
Sulbaran, Helio; Denver, CO, United States
Toth, Jason; Ottawa, Ontario, Canada
Wilson, Ian; Chester, Cheshire, United Kingdom

AsMA welcomed back six returning members:
Burt III, Glenn; Wausau, WI, United States
Hopkins, Ryan; New Haven, CT, United States
Read, John; Little Neck, NY, United States
Ryan, Nicholas; Corpus Christi, TX, United States
Simmons, Emily; Newton, AL, United States
Tallent, David; Redhill, Surrey, United Kingdom

NEWS OF CORPORATE MEMBERS

Mayo Clinic Transplant Center Reaches Milestone

The transplant center at Mayo Clinic in Florida has reached its 800th lung transplant since the program's inception in 2001. This milestone is part of a record-setting quarter that has seen lung transplants nearly double the number completed at the same time last year. The milestone can be attributed to several factors, including outcomes from the Transforming Transplant initiative, aimed at creating new clinical options for patients with organ dysfunction and failure. The use of ex vivo lung perfusion has given the transplant center the ability to use lungs that previously may not have been usable. Additionally, donor pool expansion allows the transplant center to get organs from farther away. The team also credits the increased volume of transplants to the ability to treat patients who need multi-organ transplants, such as lung-heart. An increase in community education on

the benefits of organ donation also has contributed to the growing number of transplants performed so far this year. The transplant center anticipates reaching a record-setting 60 to 70 lung transplants in 2023. Comparatively, 37 lung transplants were completed by year-end 2022. Nationwide, nearly 1,000 people are currently waiting for a lung transplant.

—Please visit <https://newsnetwork.mayoclinic.org/discussion/mayo-clinics-transplant-center-in-florida-reaches-800th-lung-transplant-milestone-on-track-for-record-setting-year/> to read more about this.

KBR Gives Back to Local Communities

Giving back to their local communities has always been a part of KBR's culture. For example, the KBR Talent Development Center of Excellence held a team service day at the Houston Food Bank supporting the Teachers Aid program, which provides school supplies to teachers in Title 1 schools. The team assisted in unloading and organizing pallets of donated school supplies then formed an assembly line to pack boxes of supplies that will go to teachers who otherwise may not have had the tools necessary for their students' success. In Chennai, KBR people organized a community service project at a local school, where they showed off their artistic skills by painting a fence wall with mural art of alphabet trees, flying wings, the days of the week, and more. During the project, their people interacted with students in grades 7 and 8, introducing students to STEM (science, technology, engineering, and math) concepts and spoke

See 'Corporate News,' p. N19

Authors!

The cost of color printing has dropped significantly. Please consider printing your Figures and Images in full color for the next issue of *Aerospace Medicine and Human Performance*.

If interested, download the Agreement to Pay Extra Charges form from Editorial Manager for your next submission.

\$60
per figure

...down from \$900
for only the first
page!

about KBR, giving the students a glimpse of the work we do. Students were also encouraged to share their dreams and aspirations. In Australia, KBR team members took part in Tennis ACT's Canberra Girls Get Active Day. Organized through the local ASPIRE chapter, this was a free community event aimed at inspiring, energizing, and empowering young women to be more active. In early March, in Houston, KBR hosted a blood drive supporting the Gulf Coast Regional Blood Center, the only blood provider serving the Houston area 24 hours a day, seven days a week. In total, 18 donors provided 26 much-needed units of blood.

—Please see <https://www.kbr.com/en/insights-news/stories/kbr-gives-back-local-communities> for more.

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FB: www.facebook.com/AerospaceMedicalAssociation

LinkedIn: [https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720;tas:Aerospace Medical;idx:1-1-1](https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720;tas:Aerospace%20Medical;idx:1-1-1)

One-Year Graduate Certificate Program in Aerospace Physiology

Case Western Reserve University School of Medicine, Department of Physiology & Biophysics is launching a new Certificate in Aerospace Physiology program beginning in Fall 2023.

The Certificate in Aerospace Physiology program will provide the foundation to develop strategies conferring mental and physical resilience against extreme environmental conditions, thereby optimizing performance of the aerospace traveler. The objective of the 1-year graduate level Certificate program is to prepare students for career fields in Aerospace Physiology or to enhance the backgrounds of those who are already working in these fields so that they can be more effective in fulfilling their responsibilities.

The Certificate program prepares students for a wide range of career fields available in both the civilian and military sectors, as well as commercial space companies. This program also provides an excellent foundation for a future graduate degree in Aerospace Physiology. Program options include full-time, part-time, or on-line as well as in-person class attendance at our Cleveland, Ohio campus.

The application deadline for the Fall 2023 semester is July 15.

More information about this program and the admission process can be found online: <https://physiology.case.edu/education/graduate-programs/cap-certificate/>

For questions, please contact Dr. Lisa Damato egd@case.edu

Corporate News Bites

UTMB: Dr. Gregory Grey, a UTMB employee, is quoted on one of NPR's radio series. The series was on viral "spillovers" (when a virus jumps from animals to humans) and how to stop the next pandemic. *The series can be found at <https://www.utmb.edu/spph/about-us/news/article/news/2023/03/31/npr-series-hidden-viruses>.*

ALPA: The Air Line Pilots Association, Int'l (ALPA), has released the latest data from the Federal Aviation Administration (FAA) showing that pilot production remains strong, reaffirming the United States continues to have more pilots than there are jobs available. The FAA has certificated 2658 pilots in just the first 3 months of this year. *To read more about this, please visit <https://www.alpa.org/news-and-events/news-room/2023-04-19-us-pilot-production-remains-strong-according-to-FAA-data>.*

MEETINGS CALENDAR

Please check the websites of meetings listed to see updates.

Calls for Papers—Ongoing: IAF's Global Networking Forum Space Conversations Series, online. For more info, please visit <https://www.iafastro.org/events/iaf-gnf-space-conversations-series/>.

HFACS Workshops: Workshops on the The Human Factors Analysis and Classification System (HFACS) are available online and in-person. For more info, please visit <https://www.enrole.com/erau/jsp/course.jsp?categoryId=&courseId=HFAC> for in-person & <https://www.enrole.com/erau/jsp/course.jsp?categoryId=558570F8&courseId=OHFA> for online.

June 7-9, 2023; 10th International Conference on Recent Advances in Air and Space Technologies (RAST-2023); Istanbul, Turkey. For more info or to register, visit [https://www.aiaa.org/events-learning/event/2023/06/07/default-calendar/10th-international-conference-on-recent-advances-in-air-and-space-technologies-\(rast2023\)](https://www.aiaa.org/events-learning/event/2023/06/07/default-calendar/10th-international-conference-on-recent-advances-in-air-and-space-technologies-(rast2023)).

June 9-12, 2023; Flying Physicians Association 68th Annual Meeting; Colorado Springs, CO, USA. For more info, visit <https://fpadrs.org/event-5157240>.

June 12-16, 2023; 2023 AIAA Aviation and Aeronautics Forum and Exposition; Manchester Grand Hyatt, San Diego, CA, and Online. For more information, please visit [https://www.aiaa.org/events-learning/event/2023/06/12/default-calendar/2023-aiaa-aviation-and-aeronautics-forum-and-exposition-\(aiaa-aviation-forum\)](https://www.aiaa.org/events-learning/event/2023/06/12/default-calendar/2023-aiaa-aviation-and-aeronautics-forum-and-exposition-(aiaa-aviation-forum)).

Aug. 13-17, 2023; 2023 AAS/AIAA Astrodynamics Specialist Conference; Big Sky Resort, Big Sky, MT. For more information, visit <https://www.aiaa.org/events-learning/event/2023/08/13/default-calendar/2023-aas-aiaa-astrodynamics-specialist-conference>.