

Friday, July 12

7 p.m., doors open at 6:15

Cocktails and Cosmos: “The Science of Apollo,” a look at the historic Apollo 11 mission to the moon and how it contributed to our understanding of space and science.

Location: U.S. Spacer & Rocket Center’s *INTUITIVE®* Planetarium

How much: \$15 for general public; \$10 for museum members

Interview opportunities: David Weigel, planetarium director

Saturday, July 13

9 a.m. – 4 p.m.

Celebration Car Show: The week of the 50th Anniversary of the Apollo 11 mission begins with a Celebration Car Show with 96 vehicles from the Apollo era on display. A full-scale, Polaris-powered Apollo Lunar Rover replica will also be featured.

Awards will begin at 3 p.m.

Location: Grass Field beside the Huntsville Marriott

How much: Free and open to the public

Interview opportunities: Joe Vallely, USSRC Vice President of External Affairs; Jack Stokes, retired Lunar Rover engineer and USSRC NASA Emeritus Docent

Media Parking: Grass field

Monday, July 15

Noon - 2 p.m.

Pass the Torch: The Continuing Paperclip Legacy: "The Continuing Paperclip Legacy: 2nd Generation" led by Dr. Klaus Dannenberg with an introduction by Dr. Margrit von Braun. Panelists include Martin Dahm, Curt von Braun, Christel Kuberg Dunn and Dr. Klaus Heimburg. Each will talk about carrying on their fathers’ legacies.

Location: Discovery Theater in the USSRC main museum

How much: Free and open to the public

Location: National Geographic Theater

Interview opportunities: Panelists

2 – 3 p.m., followed by a book signing from 3 to 4 p.m.

Pass the Torch: Astronaut Al Worden Community Presentation: Apollo 15 Command Module Pilot Al Worden and author Francis French discuss what is considered the greatest exploration mission ever made. Col. Worden spent six days orbiting the moon and was the first to conduct a spacewalk into deep

space. Col. Worden was also a member of the astronaut support crew for the Apollo 9 mission and was backup command module pilot for Apollo 12.

Col. Worden and French, an author, space historian and member of the Space Camp Hall of Fame, co-authored "Falling to Earth: An Apollo 15 Astronaut's Journey to the Moon."

Following the Pass the Torch discussion, Col. Worden will sign copies of "Falling to Earth." His schedule will not allow time for him to sign memorabilia.

Location: National Geographic Theater

How much: Free and open to the public

Interview opportunities: Col. Al Worden, if pre-arranged

Media instructions: Please contact Pat Ammons to set up an interview prior to the event.

Tuesday, July 16

7 - 8:45 a.m.

Guinness Book of World Records Rocket Launch: On July 16, 2019 at 8:32 a.m., the U.S. Space & Rocket Center will attempt to break Guinness World Record by launching 5,000 model rockets simultaneously.

Area opens at 5 a.m. for volunteers to check in, with set up beginning at 5:30 a.m. A designated area will be set up for unmanned cameras in the zone and those cameras must be placed by 7:15 a.m.

Location: Space Camp Rocket Launch Complex.

How much: Free and open to the public, but parking is limited and the area is available on a first-come, first-serve basis

Interview opportunities: Dr. Deborah Barnhart, CEO and Executive Director of the U.S. Space & Rocket Center; Randall Robinson, Space Camp Staff Development Director; and Jarred Green, Boeing engineer and Rocket Launch volunteer

Media Parking: Huntsville Marriott grass lot. If you need to unload equipment, you can pull into the gravel lot near Rocket Launch and move your vehicle after unloading. Satellite trucks may be parked behind the spectator bleachers across from the Rocket Launch Complex. Sat trucks must be in place by 6 a.m.

Media Instructions: Please note the Guinness World Record Launch is not a participatory event. The 5,000 rockets are identical rockets that have been previously constructed and will be launched from a single launch switch. Other rocket launch activities are available throughout museum hours for museum visitors on July 16.

6 - 9 p.m.

Apollo 11 Homecoming Celebration Dinner and Program: The U.S. Space & Rocket Center will commemorate the 50th anniversary of the Apollo 11 launch with an Apollo celebration and dinner.

Special guests scheduled to attend this special evening include: Thomas Stafford (LTG, USAF, Ret), Apollo 10; Dr. Edwin "Buzz" Aldrin (Colonel, USAF, Ret.), Apollo 11; Al Worden (Col, USAF, Ret.), Apollo 15; Dr. Ed Gibson, Skylab 4; Jack Lousma (Col, USMC, Ret.), Skylab 3, STS-3; Dr. Jan Davis, STS-47, STS-60 & STS-85; Bob Springer (Col, USMC, Ret.), STS-29 & STS-38; Dr. Margrit von Braun, Mrs. Iris von Braun-Robbins, Peter von Braun; The Honorable Kay Ivey, Governor of Alabama; and NASA Marshall Space Flight Director Jody Singer.

Featured entertainment includes the world premiere of "The von Braun Suite," performed by the Brass Band of Huntsville and conducted by composer Stephen Bulla.

Location: Davidson Center for Space Exploration

How much: Sold out

Interview opportunities: Media availability for Apollo astronauts is at the Rocket Center's main museum from 5 to 5:15 p.m. **Individual interviews will not be available.**

Media Parking: Davidson Center parking lot. Satellite truck parking is available behind the Davidson Center.

Media Instructions: **Contact Pat Ammons for interviews prior to event, satellite parking and media seating at the dinner.**

Wednesday, July 17

Noon - 2 p.m.

Pass the Torch: GAH Panel 6 – Onboard Control System for the German 1-4/V2: Professor Dr. Bernd Ulmann, University for Economy und Management, Frankfurt/Main, Germany, presents this talk about the on-board control system for the A-4/V-2 rocket developed by Dr. Helmut Hoelzer, the father of the electronic analog computer and later Marshall Space Flight Center's Director of Computation Laboratory for the Apollo program.

Location: Discovery Theater

How much: Free and open to the public

Interview opportunities: Dr. Ulmann and Dr. Hoelzer

2:30 – 3:30 p.m.

Pass the Torch: Saturn Family of Launch Vehicles: NASA veteran engineers Bill Sneed and Jim Odom will lead a panel discussion on the sometimes perilous development and launch of Saturn I, Saturn IB and Saturn V rockets.

Location: National Geographic Theater

How much: Free and open to the public

Interview opportunities: Panelists

7 p.m.

Aerospace States Association Annual Awards Dinner: Apollo 11 Astronaut Edwin "Buzz" Aldrin is scheduled to make the keynote address to the Aerospace States Association Annual Awards Dinner at the U.S. Space & Rocket Center Saturn V Hall. The evening includes the Aerospace States Association members, including Alabama Lieutenant Governor Will Ainsworth and National Chair of ASA.

Location: Davidson Center for Space Exploration Saturn V Hall

Interview opportunities: Lt. Gov. Will Ainsworth and Ross B. Garelick Bell, Executive Director of the Aerospace States Association

Media Instructions: Col. Aldrin will not be available for interviews.

Thursday, July 18

4:30 - 7:30 p.m.

Biergarten The Rocket Center's weekly Biergarten will feature a reprise of the Brass Band of Huntsville's Homecoming dinner performance of "The von Braun Suite" as well as other music. A portion of the proceeds from the night's dinner will benefit Space Camp scholarships.

Saturday, July 20

2:30 – 3:30 p.m.

Pass the Torch: Apollo 11 – America's First landing on the Moon: A panel discussion about Marshall Space Flight Center's role in the successful landing on the moon and the trials and tribulations of developing rockets capable of carrying humans into deep space. Panelists include Ed Buckbee, former USSRC director and NASA public affairs officer; Dr. Margrit von Braun; and Mike Ward, author of "Shaping History - The University of Alabama in Huntsville Foundation."

Location: National Geographic Theater

How much: Free and open to the public

Interview opportunities: Panelists

7 – 10 p.m.

Rocket City Summer Fest Moon Landing Concert with Projection Mapping by UAH: We will join with celebrations around the world to commemorate the 50th Anniversary of the Apollo 11 mission with a concert in the shadow of Huntsville's iconic Saturn V replica. The Black Jacket Symphony presents "Party of the Year," playing hits from the 1960s to today. This is Black Jacket Symphony's answer to the party band, and the concert experience includes videos, full concert lighting and a high-energy performance.

As a finale to the evening, the University of Alabama in Huntsville will provide a projection-mapped show of lunar images on the Saturn V replica rocket.

Location: Parking lot of the Davidson Center for Space Exploration in the shadow of the replica Saturn V moon rocket.