

Gateway to Space 2015



St. Louis Space Frontier is a chapter of National Space Society (NSS). The National Space Society is an independent, educational, grassroots, non-profit organization dedicated to the creation of a spacefaring civilization. Founded as the National Space Institute (1974) and L5 Society (1975), which merged to form NSS in 1987, NSS is widely acknowledged as the preeminent citizen's voice on space. NSS has over 50 chapters in the United States and around the world. The society also publishes *Ad Astra* magazine, an award-winning periodical chronicling the most important developments in space. For U.S. tax purposes, NSS is a tax-exempt, 501(c)(3) educational, non-profit corporation. The National Space Society's grassroots political activities are governed by the 501(h) election, which permits a limited amount of activity aimed at influencing U.S. legislation.

NSS Vision: "People living and working in thriving communities beyond the Earth, and the use of the vast resources of Space for the dramatic betterment of humanity."

NSS Mission: "to promote social, economic, technological, and political change in order to expand civilization beyond Earth, to settle Space and to use the resulting resources to build a hopeful and prosperous future for humanity."

St. Louis Space Frontier was active in the 1980's and early 1990's. In September 2013 a new chapter formed and members voted to retain the earlier chapter name. Currently we have 124 members; a modest budget; and are very active with monthly meetings, outreach events at the Science Center and local schools, special events, a book club, monthly newsletter, and Facebook page. We use Meetup to advertise events and have a website, StLouisSpaceFrontier.org. Our monthly meetings are held on the fourth Saturday of the month at Washington University. The chapter has worked to build relationships with Washington University, Saint Louis University, St. Louis Astronomical Society, St. Louis Science Center, Astronomical Society of Eastern Missouri (ASEM), ArchReactor, and AIAA. We worked hard in 2015 and earned the NSS Chapter of the Year Award for 2015!

A major goal of the chapter is to host an International Space Development Conference (ISDC). To gain experience our chapter hosted a fall regional space development conference, *Gateway to Space*, on November 7-9, 2014. *Gateway to Space 2015* will be held at Boeing on September 26, 2015. We did secure a bid for the ISDC in 2017 and look forward to bringing the conference to St. Louis!

Information about *Gateway to Space*

- *Gateway to Space* 2015 will be held at Boeing in St. Louis
- Saturday, September 26, 2015
- Theme: Commercial Spaceflight

- Mission Statement: The mission of *Gateway to Space 2015* is to *educate* attendees about the significant contributions of McDonnell Aircraft Corporation, McDonnell-Douglas, and Boeing to spaceflight; to *explore* current commercial spaceflight endeavors; and to *envision* how commercial spaceflight will impact future space colonization.
- ...educate, explore, envision...
- Boeing provides venue for conference free of charge to St. Louis Space Frontier (Prologue Room, pre-function room, and auditorium)
- Boeing arranges for a morning break (coffee, water, snack) and boxed lunches
- Boeing works with committee to provide AV equipment (St. Louis Space Frontier can provide laptops and projectors)
- AIAA could be a co-sponsor
- Minimal charge to attendees – \$45 (to cover dinners for speakers, conference bag with program; and advertising; no charge for about 15 speakers, committee members, volunteers, and Boeing representatives)
- Call to Action: Advocacy for Space Exploration: educate others, explore daily, and envision the future. Join NSS and AIAA, participate in the local chapters, and advocate for the Space Program.

Schedule (Note: Schedule is still being developed and is subject to change)

Friday Evening: Dinner at [Eclipse Restaurant](#) at the Moonrise Hotel for speakers, committee members, and guests. St. Louis Space Frontier will pay for the meals of the speakers, but everyone else will be on their own.

Saturday:

- 9am – Welcome and Keynote: Dr. Brownley, Boeing Historian, *History of Commercial Spaceflight* ...educate...
- 10:15am - 10:50am - Earl Robb, McDonnell Douglas Engineer, *Mercury, Gemini, and Skylab* ...educate...
- 11:00am - CST-100 Speaker providing update on Boeing's Commercial Crew Program ...explore...
- 12:00 - 1:00pm - Lunch
- 1:00-1:50pm - Maggie Duckworth, Mars On Applicant ...envision...
- 2:00-3:00pm - OPEN NASA speaker
- 3:05-3:35pm - Ron Jones, BioSpace Experiments MiniLabs
- 3:40-4:40pm - Michael Snyder of Made in Space, 3D Printing: the New Gateway to Space ...envision...
- 4:40-5:00pm - Wrap Up and Call to Action ... educate, explore, envision...
- 5:00pm - Clean up
- 5:30pm - Celebration Dinner at [Pueblo Nuevo](#) for committee, speakers, and guests (St. Louis Space Frontier will pay for the speakers' meals but everyone else is on their own)