

The Aerospace & Defense Forum



Facilitating Business Communication, Collaboration, & Commerce

**"Human Exploration:
From the Moon to Mars"**

Presenter:

**Humphrey (Hoppy) Price
Mars Program Chief Engineer
Jet Propulsion Laboratory**

Santa Clarita Valley Chapter

Thursday, September 19, 2019

Networking & Breakfast: 7:00-7:30am
Meeting: 7:30-9:00am

[Click here to register.](#)

NOTE: You MUST RSVP to receive a parking pass which is required for parking. Registration will close 24 hours before the meeting (closes at 7:30am, Sept. 18) to give enough time to get attendees the parking passes. [Click here](#) for a map with directions and Lot 14 parking location.

Both members and non-members must register to attend.

Attending SCV Chapter meetings will be free for all meetings in 2019.

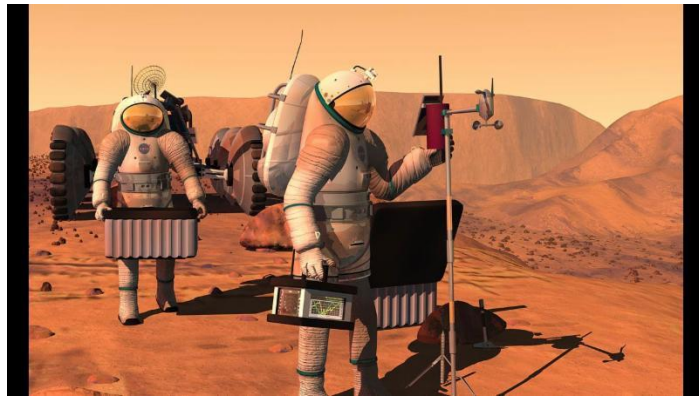
You will receive multiple invitations, regardless of whether you have already registered. Please do not register more than once!

Please register as an A&D Forum member ONLY if you have a currently active membership.

[Click here](#) if you would like to automatically receive SCV Chapter meeting notices by joining the Santa Clarita Valley Chapter mailing list (free)

September 19, 2019 Meeting

- Attire is business casual.
- [Click here](#) for a map with directions and Lot 14 parking location.
- Park in the lot in front of the building. A parking pass is required, which will be sent to all those who RSVP.
- A light continental breakfast will be available starting at 7:00AM.
- Bring a business card - they will be duplicated and



"Human Exploration: From the Moon to Mars"

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NASA has accepted the mandate to land U.S. astronauts on the Moon before the end of 2024, and the Artemis Program has been created to implement this challenge. It is a Moon to Mars program, and Congress has put forth a goal to NASA to send U.S. astronauts to Mars by 2033. NASA's procurement strategy for these future human space flight developments has been to encourage commercial innovation and involvement through Broad Agency Announcements (BAAs), and the pace of selections for vehicle development has picked up to meet the faster timeline of the 2024 mandate.

This talk will describe the Moon and Mars architectures, a potential time frame for implementation, and how the Lunar missions could be extensible to Mars.

Presenter

everyone will get a copy of all attendee's cards.

- Flyers and other material may be placed on the table designated for that purpose for pickup before and after the meeting. Please do not distribute anything during the meeting.
- Introductions will be minimal - your name, company, industry, and a 5 word "elevator speech". We encourage you to be creative!
- You are welcome to stay around and network after the meeting.

Feel free to pass this invitation on to others you think would be interested.

Event Info

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Meeting: 7:30-9:00am

Dr. Dianne G. Van Hook University
Center
UCEN Room 301
College of the Canyons
26455 Rockwell Canyon Road
Valencia, CA 91355

Breakfast Sponsor



SCV Chapter Sponsor



Hoppy Price is Chief Engineer of NASA's robotic Mars Exploration Program. He was the architect of the JPL minimal architecture for humans to Mars. Hoppy was the Project System Engineer for the GRAIL mission to map the gravity field of the Moon and was the Configuration Engineer for the Cassini Saturn

orbiter mission. He was the Flight System Engineer for the Prometheus/JIMO Phase A project and was supervisor of the systems engineering group for Entry, Descent, and Landing on the Mars Exploration Rovers project.

He has led and participated in many formulation studies of spacecraft and advanced propulsion systems including Mars Sample Return, interstellar missions, solar sails, and fusion rockets.

Hoppy has B.S. in Engineering Science and M.S. in Nuclear Engineering degrees from the University of Texas at Austin.

Santa Clarita Valley Chapter Steering Committee

- **Rob Gleason** (Chapter Chair), Executive Director, Product Engineering & Program Management Office. ITT Inc., Connect & Control Technologies
- **Dom Fattore**, Relationship Manager, Los Angeles Commercial Bank, Wells Fargo Bank
- **Brian Williams**, CEO, Shimtech Group
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- **Pete Woll**, EVP Business Development, Crean & Associates
- **Brandt Klopp**, Phoenix Analytics
- **Jim Savitz**, Client Advisor, CMTC

Planned Chapter Meetings

- o Thursday, October 17: "**The Pulse of the Industry**", Panel of Steve Perry, Steve Moon, & Paul Weisbrich
- o Thursday, November 21: **Tour of an aerospace company**
- o Thursday, January 16, 2020: "**Leadership Lessons from the USS Zumwalt**", Capt. (Ret) Scott Tait
- o Thursday, February 20, 2020: **Congresswoman Katie Hill** (invited)
- o Thursday, March 19, 2020: "**Maximizing Enterprise Value**", Larry O'Toole
- o Thursday, April 16, 2020: "**The Smart Factory**", Carlos Chavez

- **Ivan Rosenberg**, Managing Partner, InVista Associates & Co-Founder and Executive Director, The A&D Forum

The Executive Steering Committee of The Aerospace & Defense Forum

- **Michael Coburn**, CEO, All Metals Processing of Orange County
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A&D Forum Executive Director

Ivan Rosenberg
irosenberg@aerospacedefenseforum.org
818-505-9915

The Aerospace & Defense Forum

is a global aerospace and defense leadership 8-chapter community of over 2300, providing opportunities for sharing of information, current events, and analysis, mutual support and encouragement, partnering, innovation, and performance breakthroughs.

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