



My 20 years of Failures at NASA -- A Talk on Lessons Learned

Dr. Benjamin Goldberg, Pratt and Whitney, Space Propulsion

Dr. Benjamin Goldberg, Pratt and Whitney, Space Propulsion, will be our speaker at the January Meeting. Prior to joining Pratt and Whitney Space Propulsion as chief engineer and director of engineering, Dr. Goldberg served as chief engineer for a number of NASA Programs and special projects, the most recent of these at Marshall Space Flight Center, the reusable Solid Rocket Motor Program, which he was named head of in 1999.

A native of Atlantic City, N.J., Goldberg earned a master's degree in materials science in 1983 from Northwestern University in Evanston, Ill. In 1992, he earned his doctorate in materials science from the University of Pennsylvania in Philadelphia.

Goldberg came to the Marshall Center in 1983 as an engineer in the Materials and Processes Laboratory. In 1994 he was appointed chief engineer for the

Reusable Solid Rocket Motor Program. He also worked as a senior scientist in Marshall's Space Sciences Laboratory and served on the technical staffs of both the Propulsion and the Structures and Dynamics Laboratories.

During his years at Marshall, Goldberg was honored with 13 Outstanding Performance Awards; five NASA Special Services Awards; a Director's Commendation; and a NASA Exceptional Service Medal for leading the effort to establish a national testbed capability at the Marshall Center.

Dr. Goldberg, an avid supporter of INCOSE, will be talking on lessons learned, in a talk he calls "My 20 years of Failures at NASA."

Join us for an exciting evening. Dr. Goldberg is an exciting, engaging speaker with loads of historical anecdotes and insights.



Visit www.incose.org/sfbac/ for more information

INCOSE Home Page: www.incose.org

Note: No meeting on Tues, Dec. 10

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| <i>Tues, Jan 14:</i> | 5:30 p.m. Social Half-Hour and Buffet Dinner
6:00-7:00 Talk followed by Questions. Networking and sidebars to 8 p.m. |
| <i>Place:</i> | Lockheed Martin Missiles & Space Operations , Bldg 107 Exhibit Center, H Street & 11 th Avenue, Sunnyvale. (Map and driving directions are attached.) |
| <i>Donation:</i> | Attendance at this meeting is FREE for members; \$4 for non-members |
| <i>Registration:</i> | Lew Lee (TRW), 408-531-2811. <i>E-mail</i> lew.lee@pacbell.net |

Please Pre-Register to Facilitate Check-In

To expedite entry:

US Citizens (consultants or representatives of foreign governments, see below for additional instructions): Present a photo ID (Driver's License, etc.) at check-in.

Permanent Residents: Present a photo ID (Driver's License, etc.) and I-551 ("Green Card") at check-in.

Non-Resident Aliens, Consultants and Representatives of Foreign Governments: Submit a Foreign National Visitor form in advance, 12 working days (minimum) prior to the meeting. Contact one of the following:

Tom Jackson, (408) 742-2013, t.l.jackson@lmco.com or

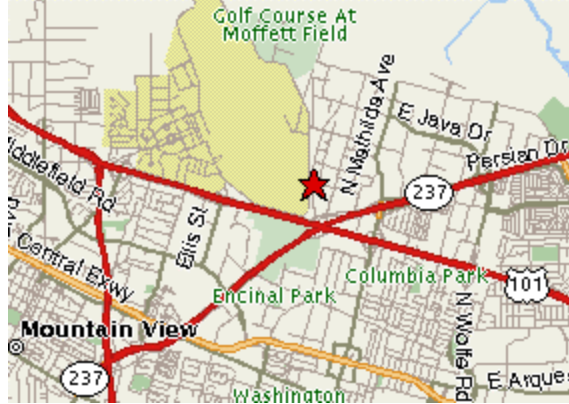
Dorothy McKinney, (408) 742-8790, dorothy.mckinney@lmco.com

DIRECTIONS:

From the North: From Highway 101 (in Mountain View): Take the Ellis Street exit and turn towards Moffett Field - East. Turn right just before reaching the Moffett Field gate on to Manila Road (the frontage road at the end of the runway). Follow that road to the signal light and turn left on 'H' Street. Turn right on 11th Avenue.

From the South: From Highway 101 (in Sunnyvale): Take the North Mathilda Avenue exit. Turn left on West Moffett Park Drive. Turn right on 'H' Street. Turn right on 11th Avenue.

Area Map to Sunnyvale, California



Bldg 107 (the "Space Exhibit Facility") is on the corner of 'H' and 11th Streets.

Lockheed Online Map:

http://lmms.external.lmco.com/lmms_images/lmms_facility.pdf

