



***Mars Atmosphere and
Volatile Evolution
(MAVEN) Mission***



*MAVEN Science Community Workshop
AGU Meeting, San Francisco
2 December 2012*



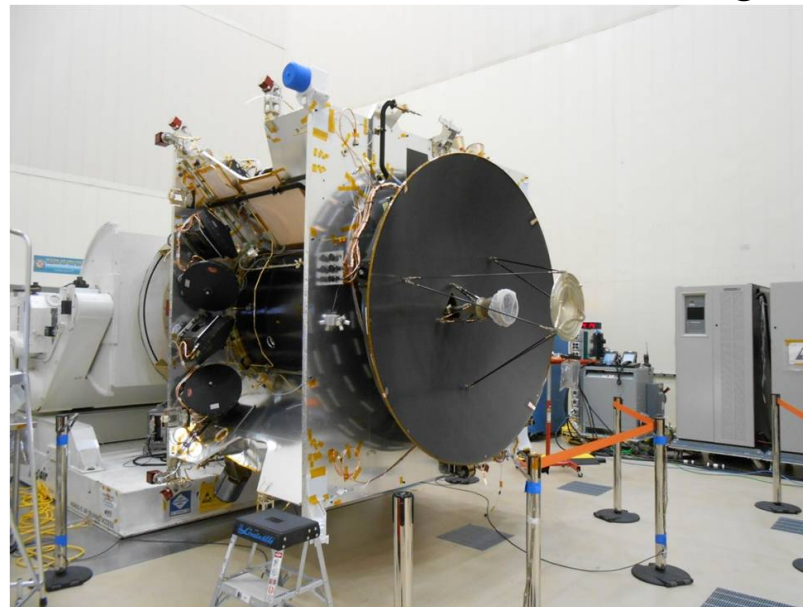
Introduction And Goals Of Workshop

- Provide details on MAVEN mission to members of the Mars science community who may be interested in working with the data
- We are holding workshop a year prior to launch allows lead time for community members to develop tools and models to apply to data
- Provides technical background on mission, instruments, observing modes, etc., for those who are proposing to the Participating Scientist program
- Inside of a year to launch:
 - Launch period 18 Nov. – 7 Dec. 2013
- Inside of two years to MOI:
 - MOI on 22 Sept. 2014 (for launch on 18 Nov.)
 - Five-week commissioning phase; start of primary mission ~1 Nov. 2014



One-Chart Summary Of MAVEN Status

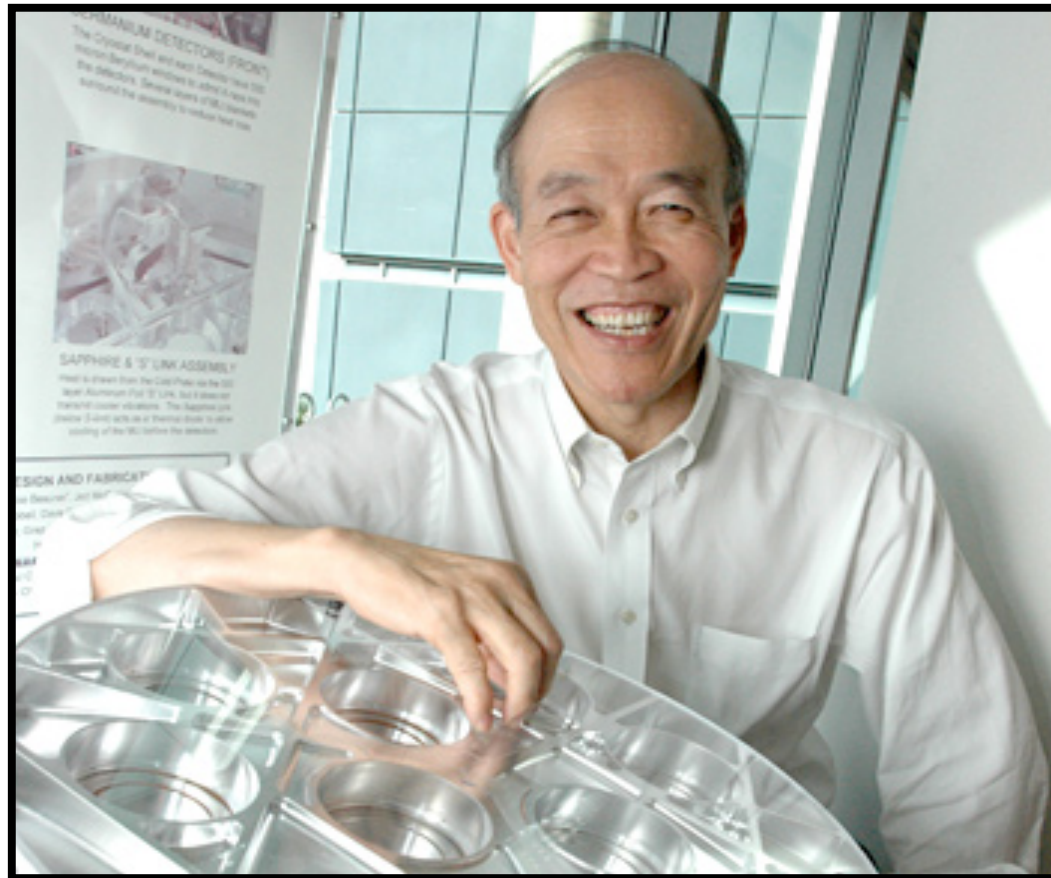
- MAVEN spacecraft and instruments currently being integrated in Lockheed Martin high-bay cleanroom
- Technical development proceeding on track
- Six of eight science instruments, plus Electra comm. relay package, have been delivered. Remote-sensing package and Electra are on the spacecraft
- SWEA to be delivered in December, and NGIMS early next year
- Overall status – on track, on schedule, on budget





Major Partners On MAVEN





Bob Lin, MAVEN Deputy Principal Investigator
1942-2012



Agenda For Today

9:00-9:15	Introduction and goals of workshop	Jakosky
9:15-9:30	Mars program status and overview	Meyer
9:30-9:45	Opportunities for community involvement in MAVEN	Fast/Talaat
9:45-10:15	MAVEN overview	Jakosky
10:15-10:45	Science overview	Grebowsky
10:45-11:00	<i>Break</i>	
11:00-11:30	Spacecraft and ops	Waters
11:30- 11:50	NGIMS	Mahaffy/Benna
11:50-12:10	IUVS	Schneider
12:10-12:30	STATIC	McFadden
12:30-1:50	<i>Lunch</i>	
1:50-2:10	LPW	Ergun
2:10-2:30	EUV	Chamberlin
2:30-2:50	SWEA	Mitchell
2:50-3:10	SWIA	Halekas
3:10-3:30	SEP	Larsen
3:30-3:45	<i>Break</i>	
3:45-4:05	MAG	Connerney
4:05-4:30	Science closure	Lillis
4:30-4:45	Science data management plan	Mitchell
4:45-5:00	Summary, schedule, wrapup	Jakosky



Logistics

- Charts from today's presentation will be posted on line.
 - Check <http://lasp.colorado.edu/maven> for details
- We've allotted time for Q and A as we go through today's presentations