



2013 New Media Practitioners Professional Development Workshop
Martian climate and the MAVEN mission
August 23–25, 2013

Mars Atmosphere and Volatile Evolution (MAVEN) Mission
Laboratory for Atmospheric and Space Physics
University of Colorado Boulder (CU-Boulder)
Space Sciences Building (SPSC)—Room W120

AGENDA

Themes

- The potential for life on Mars and the Martian climate
- The MAVEN mission
- The MAVEN Neutral Gas Ion Mass Spectrometer (NGIMS) instrument
- Connections between MAVEN and the Mars Science Laboratory (MSL)

Speakers

- Dr. [Mehdi Benna](#): Planetary Scientist, NASA Goddard; Engineer for MAVEN-NGIMS and MSL
- Dr. [Bruce Jakosky](#): Principal Investigator for MAVEN; Associate Director for Science, LASP; Director, CU-Boulder Center for Astrobiology
- Dr. [Janet Luhmann](#): Senior Fellow, Space Sciences Laboratory, UC-Berkeley; MAVEN Science Team
- Dr. [Nick Schneider](#): Instrument Lead, MAVEN-IUVS; Associate Professor, LASP/CU-Boulder Department of Astrophysical and Planetary Sciences (APS)

Panelists

- Dr. [David Brain](#): Assistant Professor, LASP/CU-Boulder APS; MAVEN Science Team Co-Investigator
- Dr. [Joseph Grebowsky](#): Astrophysicist, NASA Planetary Magnetospheres Laboratory; MAVEN Project Scientist
- Dr. [Jasper Halekas](#): Assistant Research Physicist, Space Sciences Laboratory, UC-Berkeley; MAVEN-SWIA Instrument Lead
- Dr. [Robert Lillis](#): Assistant Research Physicist, UC-Berkeley
- Dr. [Michael Meyer](#): Lead Scientist, NASA Mars Exploration Program

Friday, August 23

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| 6:00 p.m. | Dinner reception and welcome: Boulder Chop House
(http://www.boulderchophouse.com/) |
| 7:30 p.m. | The history of the search for life on Mars: Bruce Jakosky |
| 8:15 | Discussion |

8:30 p.m. Close of dinner reception

Saturday, August 24

8:00 a.m. Breakfast snacks
8:30 a.m. Welcome and day's agenda: Stephanie Renfrow
8:45 a.m. Participant introductions: Stephanie Renfrow moderates
9:45 am What is the history of Martian climate and habitability?: Nick Schneider
10:30 a.m. Discussion
10:45 a.m. Break
11 a.m. What does Mars' upper atmosphere have to do with its climate history?: Janet Luhmann
11:45 am Discussion
12 pm Lunch brought in
12:45 pm Answering the questions: the MAVEN mission: Bruce Jakosky
1:30 pm Discussion
1:45 p.m. Break
2 p.m. Volatile history: combining MAVEN and Curiosity data: Mehdi Benna
2:45 p.m. Discussion
3:00 p.m. Walk to LASP Space Technology Building
3:15 p.m. Tour of Laboratory for Space Technologies Building (LSTB): Bill Possel, Director of LASP Mission Operations and Data Systems
4 p.m. Return to SPSC building
4:15 p.m. First-day evaluation
4:30 p.m. Optional scientist interviews, LSTB
5:30 p.m. Participant dinner-on-your-own

Sunday, August 25

8:30 a.m. Breakfast snacks and day's agenda: Stephanie Renfrow
9:00 a.m. Panelist self-introduction: David Brain
9:05 a.m. Panelist self-introduction: Joseph Grebowsky
9:10 a.m. Panelist self-introduction: Jasper Halekas
9:15 a.m. Panelist self-introduction: Rob Lillis
9:20 a.m. Panelist self-introduction: Michael Meyer (via Skype)
9:25 a.m. Open discussion period with panelists/speakers: moderated by Stephanie Renfrow
10:45 a.m. Break
11:00 a.m. Participant discussion: extension activities brainstorming
11:30 a.m. Closing comments: Bruce Jakosky
11:45 p.m. Evaluation
12:15 p.m. Lunch and optional scientist interviews