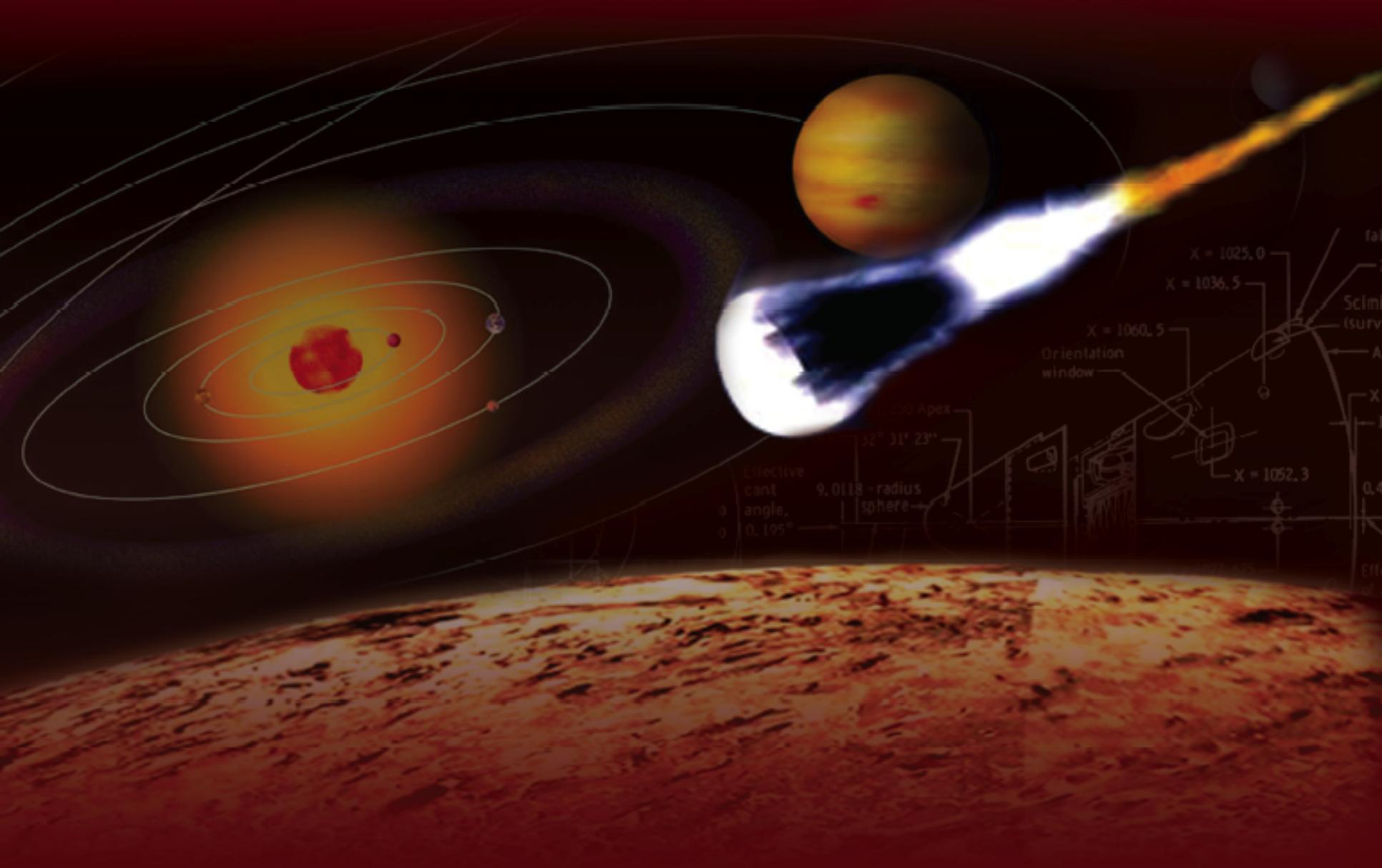


2ND INTERNATIONAL PLANETARY PROBE WORKSHOP



Welcome

- ☯ Workshop Goals
- ☯ People
- ☯ Sponsors
- ☯ Program
- ☯ Vision



Workshop Goals

- 1. Provide a forum with a focus on Atmospheric Entry Probes.**
 - **An incubator for ideas and discussions of innovative methodologies and techniques for future entry probe missions.**
 - **where young scientists and engineers can learn and be promoted, students can be brought to appreciate and the next generation can be mentored**
- 2. Bring together a diverse community of Scientists, Technologists and Engineers, Mission Designers, Instrument/Sensor Developers and Senior Managers**
- 3. To foster international collaboration in the field.**

People

- ☉ Participants and Presenters
- ☉ International Steering Committee
- ☉ Local Organizing Committee
- ☉ NASA Ames Staff and Management

International Steering Committee

Ethiraj Venkatapathy, Chair (NASA Ames Research Center, USA)

David Atkinson, Co-Chair (University of Idaho, USA)

Jean-Pierre Lebreton, Co-Chair (ESA /ESTEC, The Netherlands)

Jim Arnold (University Affiliated Research Center, UC Santa Cruz, USA)

Sushil Atreya (University of Michigan, USA)

Reta Beebe (New Mexico State University, USA)

Bernie Bienstock (Boeing, USA)

Bobby Braun (Georgia Institute of Technology, USA)

Rodolphe Cledassou (National Center for Space Studies, France)

Marcello Coradini (ESA Headquarters, France)

Jim Cutts (Jet Propulsion Laboratory, USA)

Prasun Desai (NASA Langley Research Center, USA)

Larry Esposito (University of Colorado, USA)

Francesca Ferri (University of Padova, Italy)

Ralph Lorenz (Lunar and Planetary Laboratory / University of Arizona AND
Space Sciences Research Institute, The Open University, UK)

Tobias Owen (University of Hawaii, USA)

Jim Robinson (NASA Headquarters, USA)

Maarten Roos-Serote (Lisbon University - CAA / Lisbon Astronomical Observatory, Portugal)

Tom Spilker (Jet Propulsion Laboratory, USA)

Bill Willcockson (Lockheed Martin, USA)

Rich Young (NASA Ames Research Center, USA)

John Zarnecki (Planetary and Space Sciences Research Institute, The Open University, UK)

Local Organizing Committee

Ed Martinez, Chair (NASA ARC)

Ethiraj Venkatapathy (NASA ARC)

Marla Arcadi (ELORET)

Jim Arnold (UARC, UC Santa Cruz)

Terrill Buffum (ELORET)

Charles A. Smith (NASA ARC)

Peter Gage (ELORET)

Jim Corliss (NASA LaRC)

Michelle Munk (NASA MSFC/LaRC)

Bonnie James (NASA MSFC)

Elizabeth Kolawa (JPL)

Periklis Papadopoulos (San Jose State University)

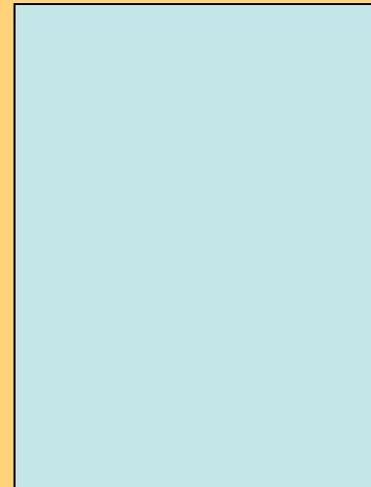
Support Teams: Thank you All



Ed Martinez:
Chair, Local Organizing
Committee



Marla Arcadi
Program Coordinator:
You need something you go to Marla



Rebecca J Allen Diamond
Dept. Program Coordinator

- 🌀 **Space Technology Division Management and Staff at NASA ARC**
- 🌀 **ELORET Corp.**
- 🌀 **San Jose State Students**
- 🌀 **Jim Arnold of UARC**

Organization and Sponsors

The Aerospace Corporation

Applied Research Associates, Inc.

Ball Aerospace

The Boeing Company

ELORET Corporation

European Space Agency

Idaho NASA Space Grant Consortium

Jet Propulsion Laboratory

Lockheed Martin

NASA

**NASA Ames Research Center, NASA Langley Research Center, NASA
Marshall Space Flight Center**

San Jose State University

University Affiliated Research Center

University of Idaho College of Engineering

Program

- ☺ **Monday:**
 - Outlook for Probe Missions & Mars Banquet**
- ☺ **Tuesday:**
 - Gas Giants & Titan**
 - 40 year Anniversary of NASA ARC Arc Jet Complex Steering Committee Meeting**
- ☺ **Wednesday:**
 - Venus/Special Topics and Cross-Cutting Technologies Evening Barbeque**
- ☺ **Thursday:**
 - Emerging Technologies**
 - Ames Facility Tours**
 - Displays and Posters**

Some Considerations

- ☯ **We have ~70 presentations**
 - 💧 poster (5 min.) - lead Invited talks (30 min)
- ☯ **To have the best conference**
 - 💧 Presenters provide the presentation ahead of time
 - 💧 Session Chairs, ensure the speakers are on time
 - 💧 Posters - Work with Session Chairs and be available next to your poster during break
 - 💧 Provide the written version of the paper and meet the deadline to facilitate the publication
- ☯ **Interact, Engage, Challenge others and Enjoy**

TPS Ablator Course

- ☯ 2 day course (8/21-22) preceding this Workshop
- ☯ ~70 attendees with 15 in the waiting list
- ☯ Representatives from many different Institutions, from students to practitioners to Institutional leaders
- ☯ Big Thanks to Bernie Laub, Don Curry, Mike Tauber, Dinesh Prabhu, Mike Wright, Paul Wercinski



Eye on the Larger Picture



**COLLEGE
DAYS**



.....THIS IS MY QUEST
TO FOLLOW THAT STAR (or a planet)
NO MATTER HOW HOPELESS
NO MATTER HOW FAR.....

- Don't remembers where this...it is from a musical

Let the Sessions Begin !