

List of Participants

Prof. Jürgen Oberst
Dr. Robert A. Jacobson
Prof. Thomas Duxbury
Dr. Martin Pätzold
Prof. Carle M. Pieters
Prof. Alexander Zakharov
Dr. William Thuillot
Prof. Peter Thomas
Dr. Valery Lainey
Marita Wählisch
Dr. Pascal Rosenblatt
Dr. Leonid Ksanfomality
Prof. John Murray
Dr. Andrew Ball
Prof. Nicolas Thomas
Dr. Hans Rickman
Dr. Joanna Gurgurewicz
Dr. Ewa Slaby
Dr. Konrad Willner
Andreas Pasewaldt

Monday March 28

Introduction

Welcome to ISSI

The second ISSI Workshop on Phobos and Deimos/ Agenda

[New Imaging data from the recent MEX Phobos flybys](#)

The 2010 Phobos Symposium @ IKI / Report

The Phobos Conference @ Ames / Report

Status of the Phobos book and plans for this meeting

Lunch Break

ISSI Rep

J. Oberst

K. Willner

A. Zakharov

P. Rosenblatt

J. Oberst

Ephemerides

[The JPL Martian Ephemerides – Revised](#)

R. Jacobson

[Deimos Astrometry from MEX: New Techniques and Data](#)

A. Pasewaldt

Projects with relevance to Phobos geodesy, ephemerides, and dynamics

[ESPACE – A proposal to the European Union](#)

W. Thuillot

„Reference Frames“ – A proposal to the German Science Foundation

J. Oberst

[Phobos and Deimos in the family of small solar system bodies](#)

P. Thomas
(phone)

Tuesday March 29

Multispectral Observations

[Mystery of the Two Terrains of Phobos: Same or Different Origin?](#)

C. Pieters

[Some results from HRSC multispectral observations](#)

A. Pasewaldt

[Photometric and radiometric properties of the Phobos's regolith, based on the KRFM instrument data of the PHOBOS 2 mission](#)

A. Ksanfomality

Phobos analogues in the light of spectroscopic studies

J. Gurgurewicz

Geochemical testing of small quantities of substances - a methodological challenge

E. Slaby

Lunch Break

Discussion and Work on the planned Phobos Book

Wednesday March 30

Phobos Dynamics and Interior

Results from MEX flyby tracking data – an update

[Updated Working models for the gravity field of Phobos](#)

M. Pätzold

Shi Xian /

J. Oberst

Geodesy and Cartography

[Geodetic control and updated shape models for Phobos](#)

[Updated Phobos maps](#)

K. Willner

M. Wählisch

Origins

Phobos interior, origin and fate

P. Rosenblatt /

A. Rivoldini / V.

Dehant

H. Rickman

[Martian satellites during LHB \(Late Heavy Bombardement\)](#)

Lunch

Phobos Grooves

Grooves on Phobos – An Update

Results from the Rosetta Lutetia flyby / Implications for grooves on Phobos

Origin of Lunar grooves: An analogy

Phobos grooves and their origin

J. Murray

N. Thomas

T. Duxbury

A. Basilevsky

(Poster Discussion)

Thursday March 31

Phobos Grunt

Status of the Phobos Grunt Mission
MEX Observation Planning for Phobos Grunt
Cartography of the Phobos Grunt landing site
Simulations of Phobos Grunt spacecraft motion and tracking data

A. Zakharov
T. Duxbury
K. Willner
V. Lainey /
C. Le Poncin-Lafitte /
P. Roseblatt

Lunch

The Cosmic Vision GETEMME Mission Proposal

The GETEMME Mission to Phobos and Deimos / Overview
Results from ESA Debriefing
GETEMME science aspects and data acquisition simulations
Future of GETEMME / Discussion

J. Oberst
J. Oberst
V. Lainey /
P. Roseblatt

Friday April 1

Status of the Phobos book

Phobos meeting plan
Plan for next ISSI Meetings / Schedule / Guests / Discussion
Other business

all authors, 10-min
presentations each
J. Oberst
J. Oberst
all

Lunch

Splinter Meetings