

ISSI Workshop: Mercury

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Introduction (4) André Balogh, ISSI, Bern, Switzerland balogh@issibern.ch	<u>André Balogh</u> Leonid Ksanfomality Rudolf von Steiger
The terrestrial planets and Mercury: the first 100 million years (25) Willi Benz, Physikalisches Institut, University of Bern, Switzerland willy.benz@phim.unibe.ch	Willy Benz
The terrestrial planets and Mercury: Internal and geological evolution (25) Sean Solomon, Dept. of Terrestrial Magnetism, Carnegie Institution of Washington, USA solomon@dtm.ciw.edu	Sean Solomon

Mercury's interior	
Mercury's interior structure, rotation and tides (30) Tim van Holst, Royal Observatoire de Belgique, Belgium tim.vanhoolst@oma.be	<u>Tim van Holst</u> Igor Holin Frank Sohl Véronique Dehant Tilman Spohn
Mercury's interior evolution (30) Doris Breuer, Institut für Planetenforschung, DLR, Germany Doris.breuer@dlr.de	<u>Doris Breuer</u> Tilman Spohn Steven Hauck (a) Manabu Kato Monika Buske (a) Sean Solomon Olivier Verhoeven (a)
Mercury's internal magnetic field (30) Johannes Wicht, MPI Sonnensystemforschung, Lindau, Germany wicht@linmpi.mpg.de	<u>Johannes Wicht</u> Mioara Manda Futoshi Takahashi Uli Christensen (a) Benoit Langlais (a) Masaki Matsushima (a)

Mercury's surface	
The surface of Mercury as seen by Mariner 10 (25) Gabriele Cremonese, Osservatorio Astronomico, Padova, Italy gabriele.cremonese@oapd.inaf.it	<u>Gabriele Cremonese</u> Ann Sprague Johan Warell Nick Thomas Leonid Ksanfomality
Radar imaging of Mercury (25) John Harmon, Arecibo Observatory, NAIC, USA jharmon@naic.edu	John Harmon
Visible and near IR imaging of Mercury (from Earth?) (25) Leonid Ksanfomality, IKI, Russia ksanf@iki.rssi.ru	<u>Leonid Ksanfomality</u> John Harmon Johan Warell Igor Veselovsky Ann Sprague Nick Thomas Jörn Helbert
Spectroscopy of Mercury's surface (25) Ann Sprague, Lunar and Planetary Laboratory, University of Arizona, USA sprague@lpl.arizona.edu	<u>Ann Sprague</u> Johan Warell Jörn Helbert Yves Langevin Stefano Orsini Andrew Potter Nick Thomas Igor Veselovsky Gabriele Cremonese Peter Wurz Helmut Lammer

Mercury's exosphere	
Mercury's exosphere from observations to modelling (100) Rosemary Killen, University of Maryland, USA rkillen@astro.umd.edu	<u>Rosemary Killen</u> Gabriele Cremonese Helmut Lammer Stefano Orsini Andrew Potter Ann Sprague Peter Wurz Mura (a)

Physics of the hermean magnetosphere	
Introduction to Mercury's magnetosphere (15) Réjean Grard, (ex-) Research and Scientific Support Department, ESA rgrard@rssd.esa.int	Réjean Grard + (?)
Electromagnetic induction effects and dynamo action in the hermean magnetosphere (15) Karl-Heinz Glassmeier, IGEP, TU Braunschweig, Germany kh.glassmeier@tu-bs.de	<u>Karl-Heinz Glassmeier</u> Johannes Wicht J. Grosser (a) S. Stellmach (a) Y. Narita (a)
Magnetosphere-solar wind interaction at Mercury (15) Masaki Fujimoto, Tokyo Institute of Technology, Japan fujimoto@geo.titech.ac.jp	<u>Masaki Fujimoto</u> Jim Slavin Wolfgang Baumjohann Rumi Nakamura
Magnetosphere-exosphere-surface coupling at Mercury (15) Stefano Orsini, IFSI, CNR, Italy stefano.orsini@ifsi.rm.cnr.it	<u>Stefano Orsini</u> Delcourt (a) Masseti (a) Jim Slavin Alexander Skalsky Réjean Grard
Waves in Mercury's magnetosphere (15) Lars Blomberg, Alfvén Laboratory, Royal Institute of Technology, Sweden Lars.Blomberg@ee.kth.se	<u>Lars Blomberg</u> Karl-Heinz Glassmeier Rudolf Treumann
Acceleration in Mercury's magnetosphere (15) Lev Zeleny, IKI, Russia lzelenyi@iki.rssi.ru	<u>Lev Zeleny</u> Wolfgang Baumjohann Stefano Orsini Masaki Fujimoto Rudolf Treumann
Future challenges for modelling and interpretation (10) ???	???

Missions to Mercury	
Missions to Mercury (30) André Balogh, ISSI, Bern, Switzerland balogh@issibern.ch	André Balogh Réjean Grard Rita Schulz Sean Solomon Yves Langevin

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