

Dear Colleagues,

Current list of registered participants of the second LLR workshop in ISSI Bern includes:

- 1) Juergen Mueller (Leibniz Universitaet Hannover, Germany)
- 2) Franz Hoffmann (Leibniz Universitaet Hannover, Germany)
- 3) Xing Fang (Leibniz Universitaet Hannover, Germany)
- 4) Ulrich Schreiber (Technische Universitaet Muenchen, Germany)
- 5) Sergei Klioner (Technische Universitaet Dresden, Germany)
- 6) Hiroto Noda (National Astronomical Observatory of Japan)
- 7) Hiroshi Araki (National Astronomical Observatory of Japan)
- 8) Sebastien Bouquillon (SYRTE/Observatoire de Paris, France)
- 9) Herve Manche (IMCCE-CNRS, Observatoire de Paris, Paris, France)
- 10) Natalia Petrova (Kazan Power Engineering University, Russia)
- 11) Alexander Zakharov (Institute of Theoretical and Experimental Physics, Moscow, Russia)
- 12) Douglas Currie (University of Maryland, USA)
- 13) Erricos Pavlis (NASA Goddard, USA)
- 14) Sergei Kopeikin (University of Missouri-Columbia, USA)
- 15) Giampiero Sindoni (University of Roma, Italy)

We may expect to see few more participants from Italy taking part in the workshop.

Tentative program of talks is as follows:

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Monday, February 14 - Arrival to ISSI.

Tuesday, February 15

9:00 Maurizio Falanga - director of ISSI. Welcome address.

9:15 -10:00 Juergen Mueller "Criteria for Validation of new LLR sites"

10:15 - 11:00 Franz Hoffmann "Effect of the higher order lunar gravity field in the LLR analysis"

11:15 - 12:00 Xing Fang "Special aspects of the parameter estimation process"

Lunch

13:15 - 14:00 Hiroto Noda "LLR development status in Japan"
14:15 - 15:00 Douglas Currie "Lunar Laser Ranging Retro-reflector Array for the 21st Century: Current Status and Ground Station Requirements"
15:15 - 16:00 Ulrich Schreiber "LLR operations and software updating in Wettzell"
16:15 - 17:00 Erricos Pavlis "Improved Modeling and Data Analysis for Laser Ranging Data"
17:00 - Reception party in ISSI

Wednesday, February 16

9:00 - 10:00 Sebastien Bouquillon "Lunar Laser Ranging: Tools for assisting observers"
10:15 - 11:00 Sergei Klioner "Do we need relativistic modeling for multipole moments for the interpretation of LLR data?"
11:15 - 12:00 Natalia Petrova "Simulation of lunar physical libration for future observations from the Lunar surface: optimization of the observations and improvement of Lunar geophysical parameters"

Lunch

13:15 - 14:00 Alexander Zakharov "Hubble cosmological expansion and the lunar orbit"
14:15 - 15:00 Sergei Kopeikin "LLR analysis in the local frame - equations of motion, coordinate freedom and relativistic effects".

15:15 - Closing remarks, announcements.

Thursday, February 17 - Departure from ISSI.

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The time allocated for talks includes round-table discussion. We have plenty of time for exchanging opinions. If you see any inconsistency in the program or you would like to reschedule the time of your talk, please, let me know.

I am looking forward to seeing you in Bern!

Sergei Kopeikin - the workshop coordinator

Professor, Ph.D, Dr.Sci. Habilitation
Department of Physics & Astronomy
University of Missouri-Columbia
322 Physics Bldg., Columbia,
Missouri 65211
USA

E-mail: kopeikins@missouri.edu

Tel: +1-573-882-6210

Fax: +1-573-882-4195

Homepage: <http://www.physics.missouri.edu/people/faculty/SergeiKopeikin.html>