

Third workshop

THEORY AND MODEL FOR THE NEW GENERATION OF THE LUNAR LASER RANGING DATA

ISSI, Bern, Switzerland



March 22-23, 2012

Thursday, March 22, 2012**Morning session****Chair: Erricos Pavlis**

Sergei Kopeikin	Welcome	8:50 – 9:00
Juergen Mueller	LLR measurement statistics and new LLR research projects in Germany	9:00 – 9:30
Pierre Lauber	Activities concerning LLR at Wettzell	9:30 – 10:00
Ludwig Combrinck	Progress of the HartRAO LLR system	10:00 – 10:30
Hiroshi Araki	Research activities in Japan for the precise measurement of the lunar rotation and tide -LLR and ILOM	10:30 – 11:00
Break		
Ignazio Ciuffolini	LARES and Fundamental Gravitational Physics	11:15 – 12:00
Sergei Kopeikin	Astronomical Ephemerides in Expanding Universe	12:00 – 12:45
Lunch		
Thursday, March 22, 2012 Afternoon session Chair: Sergei Kopeikin		
Antonio Paolozzi	LARES mission and its engineering aspects	14:00 – 14:45
Erricos Pavlis	Geodesy, laser ranging and LARES mission	14:45 – 15:30
Liliane Biskupek	Parameter estimation from LLR data	15:30 – 16:00
Yi Xie	Parameterized Post-Newtonian Equations of Motion for Lunar Laser Ranging: Global and Local	16:00 – 16:30
Break		
Agnes Fienga	Progress in the Lunar and Planetary ephemeris code INPOP	16:45 – 17:15
Xue-Mei Deng	Modeling Three Way Doppler Tracking on the Moon	17:15 – 17:45
Eleonora Yagudina	EPM-ERA Lunar ephemeris and selenodynamical parameters from LLR data	17:45 – 18:15
Franz Hofmann	Testing the Equivalence Principle with LLR	18:15 – 18:45

End of Workshop