

9th LISA Symposium 2012
May 21-25, 2012
Paris

Parallel Session :
LPF and eLisa/NGO technology
Tuesday 22th / 14:30-18:10

14:30-16:30 LISA-NGO Technology

14:30 - 14:50	Mission, System, Payload Design for the NGO	D. Weise (Astrium)
14:50 - 15:10	Discussion of the SGO family of mission concepts	J.Livas (GSFC)
15:10 - 15:30	LAGRANGE : Laser Gravitational-wave Antenna in Geodetic orbit	S.Buchman (Stanford)
15:30 - 15:50	Experimental demonstration of Time-Delay Interferometry and TDI-Ranging with Spacecraft Motion Effects	S.Mitryk (U.Florida)
15:50 - 16:10	The eLISA/NGO Data Processing Centre	V.Beckman (APC)
16:10 - 16:30	Current progress of developing Inter-satellite laser interferometry for Space Advanced Gravity	H.C. Yeh (U.Huazhong)
16:30 - 16:50	Coffee Break	

16:50-18:10 LISAPathfinder

16:50 - 17:10	The Charge management device on board LISAPathfinder	P.Wass (Imperial College)
17:10 - 17:30	Quantitative analysis of the LISAPathfinder test-mass noise	L.Ferraioli (APC)
17:30 - 17:50	Optimisation of the system calibration for LISAPathfinder	G.Congedo (U.Trento)
17:50 - 18:10	ALTA FT-150 : The thruster for the LISAPathfinder and LISA/NGO missions	L.Paita (Alta-Space)

Adjourn

Parallel Session :
LPF and eLisa/NGO technology
Wednesday 23th / 14:30-18:15

14:30-16:10 LISAPathfinder

14:30 - 14:50	LPF MOND Data Analysis	N.Korsakova (AEI)
14:50 - 15:10	PeTeR : a hardware simulator for the LISAPathfinder test mass sensor system	L.Marconi (INFN Firenze)

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15:10 - 15:30	Closed-loop simulations of the thermal experiments in LISAPathfinder	E.Gibert (ICE-CSIC/IEEC)
15:30 - 15:50	Experimental investigation of electrostatic dissipation and resulting force noise on a free-falling test masses	H.B.Tu (U.Trento)
15:50 - 16:10	LISAPathfinder : Preparation for in-flight experiments	H.Audley (AEI)
16:10 - 16:30	Coffee Break	

16:30-18:15 LISA-NGO Technology

16:30 - 16:45	Estimation of the LISA test mass-to-release tip adhesion force during dynamic separation	J.Conklin (Stanford)
16:45 - 17:00	Laser development for interferometry in space	K.Numata NASA-Goddard
17:00 - 17:15	Development for space-based optical metrology systems	A.Taylor (U.Glasgow)
17:15 - 17:30	Possible periodic orbit control maneuver for the NGO and SGO missions	P.Bender (U.Colorado)
17:30 - 17:45	Development of an Optical Read-Out system for the LISA/NGO gravitational reference sensor : a status report	L.Di Fiore (INFN Napoli)
17:45 - 18:00	Measurement of magnetic field at Test Masses in eLISA/NGO	I.Mateos (ICE-CSIC/IEEC)
18:00 - 18:15	Breadboard model of NGO/eLISA Phasemeter	O.Gerberding (AEI)

Adjourn