

Saturday 15th October 2011

X and Gamma Ray Astrophysics	Gravitational waves and precision tests of general relativity	General Relativity, GRBs, neutron star and supernovae	Astroparticle Physics	Cosmology, Large Scale Structure and Dark Matter
Room A308	Room A508	Room A135	Room A208	Room A408
Topic: Instrumentation and future missions in X-/gamma-ray astrophysics	Topic: Precision Measurements and Fundamental Physics	Topic: GRBs and S.N.	Topic: Dark Matter And UHE Cosmic Rays	Topic: Large Scale Structure
Chair: Fangjun Lu	Chairs: Francis Everitt	Chair: Wang Xiang-Yu	Chairs: Ji Xiangdong Bernabei Rita	Chairs: Hu Zhan
14.00-14.30	14.00-14.30	14.00-14.30	14.00-14.30	14.00-14.30
<u>Enrico Virgilli</u> invited	<u>Tartaglia Angelo</u> invited	<u>Siutso Ivan</u> invited	<u>Scopel Stefano</u> invited	Zheng Zheng invited
14.30-15.00	14.30-14.45	14.30-15.00	14.30-15.00	14.30-15.00
Vincenzo Liccardo	Long-Sheng Ma	Han Wenbiao Invited	Qian Yue invited	Xueleì Chen invited
	14.45-15.00			
	<u>Hsien-Chi Yeh</u>			
15.00-15.30	15.00-15.30	15.00-15.30	15.00-15.30	15.00-15.30
<u>Webster Cash</u> invited	<u>Peng Hui</u>	<u>Bruce Gendre</u> invited	<u>Gao Fei</u>	<u>Ma Renyi</u>
<i>Coffee Break 20 min</i>	<i>Coffee Break 20 min</i>	<i>Coffee Break 20 min</i>	<i>Coffee Break 20 min</i>	<i>Coffee Break 20 min</i>
15.50-16.20	15.50-16.05	15.50-16.20	15.50-16.10	15.50-16.20
Hiroshi Tsunemi invited	<u>Ming-Sheng Zhan and Jin Wang</u>	<u>Zhuo Li</u> invited	<u>Yang Changgen</u>	Wang Tao
16.20-16.35		16.20-16.50	16.10-16.30	16.20-16.50
<u>Herman Marshall</u> invited		Jingsong Deng invited	<u>Ma Xinhua</u>	Keqiang Tang
16.35-16.50		16.50-17.20	16.30-16.50	
<u>Yongwei Dong</u>		Neda Bostani	<u>M. Martinez</u>	
16.50-17.05		17.20-17.50		
Bobing Wu		<u>Gao Yang</u>		
		Poster session: Xiaohong Zhao, Xuhui Han, Fanying Wang, Liping Xin, Mouyuan Sun, Fuweng Zhang, Xionghong Cui, Zhaosheng Li		

INSTRUMENTATION AND FUTURE MISSIONS IN X-/GAMMA-RAY ASTROPHYSICS

Enrico Virgilli: Laue Lens development for high energy astrophysics: status and prospects

Webster Cash: X-ray Spectroscopy of Hot Gas in the Milky Way and Beyond

Herman Marshall: X-ray Polarimetric Astronomy in the United States

Yongwei Dong: The X-ray Timing and Polarization Mission Concept

PRECISION MEASUREMENTS AND FUNDAMENTAL PHYSICS

Tartaglia Angelo: Measuring gravito-magnetic effects by means of ring lasers

Hsien-Chi Yeh: Inter-satellite laser interferometry for space science missions

Peng Hui: Ground-based Experiments to Test Gravito-magnetic Force

Ming-Sheng Zhan and Jin Wang: Towards a high precision test of the Equivalence Principle with a 10 m fountain atomic interferometer

Faridi Ayub: Isometric Embeddings on K-Surfaces in Schwarzschild Geometry

Mashoor Al-Wardat: A Method for estimating Parallaxes of VCBS: a modification to Hipparcos parallax measurements

GRBs AND S.N

Bruce Gendre: Scientific striptease: GRB 110205A exposes the fireball model

Gao Yang: Relativistic Detonation and Deflagration Waves in Astrophysics

Siutsou Ivan: Kinetic relaxation timescales of mildly relativistic semidegenerate electron-positron plasma

Xiaohong Zhao: A simple explanation for the energy dependence of GRB pulse width

DARK MATTER AND UHE COSMIC RAYS

Scopel Stefano: Searching for light neutralinos at the LHC

M. Martinez: Development of scintillating bolometers for dark matter searches

Qian Yue: Progress in CDEX and CJPL

Gao Fei: Searching for Dark Matter with XENON100

Yang Changgen: DarkSide - A dark matter search program with Depleted Argon

Ma Xinhua: Technical aspects in dark matter investigations

M. Martinez: Development of scintillating bolometers for dark matter searches

LARGE SCALE STRUCTURE

Zheng Zheng: Radiative Transfer Modeling of Lyman Alpha Emitters and New Effects in Galaxy Clustering

Wang Tao: CANDELS: SEDs and Morphologies of Massive galaxies at $z \sim 2$

Ma Renyi: Cosmological Shock Waves in the Large Scale Structure of the Universe