

Tuesday 11 th October 2011				
Gravitational waves and precision tests of general relativity	General Relativity, GRBs, neutron star and supernovae	Cosmology, Large Scale Structure and Dark Matter	Solar astrometry and grand minima of activity	History of Astronomy and Astrophysics
Room A508	Room A135	Room A208	Room A308	Room A408
<i>Topic:</i> <i>Gravitational Wave Detectors</i>	<i>Topic:</i> GRBs and S.N.	<i>Topic:</i> <i>Early Universe</i>		
Chairs: Chunnong Zhao Cao Junwei 14.00-14.30	Chair: Bianco Carlo Luciano 14.00-14.30	Chair: Belinski Vladimir 14.00-14.30	Chairs: Sigismondi Costantino Wang Jinxiu 14.00-14.30	Chair: Sun Xiaochun 14.00-14.15
Stefan Gossler	Boer Michel invited	Gionti Gabriele invited	Shaolan Bi	Shi Yunli
				14.15-14.30
				Sun Xiaochun
14.30-15.00	14.30-15.00	14.30-15.00	14.30-15.00	14.30-14.45
Stuart Reid	Enwei Liang invited	Rosquist Kjell invited	Jie Jiang	Wang Guangchao
				14.45-15.00
				Niu Weixing
15.00-15.30	15.00-15.30	15.00-15.30	15.00-15.30	15.00-15.15
Catherine Nary Man	Lorenzo Amati invited	Wu Xuebing invited	Yihua Yan	Remo Ruffini
				15.15-15.30
				Richard Strom
<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>
15.50-16.05	15.50-16.20	15.50-16.20	15.50-16.20	15.50-16.05
Yanbei Chen	Xiangyu Wang invited	Sudarsky, Daniel	Yuanyong Deng	Sigismondi Costantino
16.05-16.20	16.20-16.35	16.20-16.35	16.20-16.50	16.05-16.20
Haibo Wang	Penacchioni Ana	Belinski Vladimir	Guiping Zhou	Fung Kam-wing
16.20-16.35	16.35-16.50	16.35-16.50	16.50-17.20	16.20-16.35
Chunnong Zhao	Yu Wang	Micol Benetti	Sigismondi Costantino	Changbom Park
16.35-16.50	16.50-17.05	16.50-17.05	17.20-17.50	16.35-16.50
Vetrano Flavio	Irene Arkhangelskaja	Scardigli Fabio	A. Raponi and C. Sigismondi	David Valls-Gabaud
			17.50-1818.20	
	Poster Session: He Haoning, Lin Ruoyu, Liu Tong Shao Lang, Weng Dehua, Xue, Li, Yiqing Lin, Zhao, Xiaohong		Jin, Chunlan	16.50-17.05
			Discussions and Concluding Remarks	Yang Hong-Jin

Gravitational Wave Detectors

Gossler Stefan: The AEI 10m Prototype Interferometer

Stuart Reid (1) Suspension and coating thermal noise investigations at Glasgow (2) The Einstein Telescope: a third generation gravitational wave observatory in Europe

Chunnong Zhao: Harnessing three mode interactions in gravitational wave detectors for stability control and quantum measurement

Mat Evans: Advanced gravitational wave detectors

Jerome Degallaix: Advanced Virgo

Yanbei Chen: Advanced interferometer configurations: beyond the second generation

Haibo Wang: Quantum measurement experiments at BNU

Vetrano Flavio: Principles of Gravitational Waves detection through atom interferometry and a look ahead

GRBs and S.N.

Enwei Liang: Emission components in Optical Afterglows and their relations to the prompt gamma-rays and X-ray afterglows

Amati Lorenzo: Cosmology with Gamma-Ray Bursts

Arkhangelskaja Irina: Long GRB with additional high energy maxima after the end of the low energy t90 intervals

Early Universe

Gionti Gabriele: First Order Regge Calculus and Spin Foam Formalism

Rosquist Kjell: Gravitational acceleration and cosmic jets

Wu Xuebing: Finding Missing Quasars in the Redshift Desert

Sudarsky, Daniel: The unsolved problem of emergence of the seeds of cosmic structure during inflation

Belinski Vladimir: Basic facts on the cosmological singularity

Scardigli Fabio: Emergence of Special and Doubly Special Relativity

Redkov Viktor: Spin 1/2 Particle In The Field Of Dirac String On The Background Of De Sitter Space-Time

Solar Astrometry and Grand Minima of Activity

Raponi Andrea and Sigismondi Costantino: Solar diameter, Limb Darkening Function and Eclipses

Sigismondi Costantino: Clavius Project on solar diameter measurements groundbased

Guiping Zhou: CME source region

Jie JIANG: Solar dynamo and the grand solar minima

Shaolan Bi: Updated solar model with new abundance, rotation & magnetic field

Yihua Yan: Chinese Radioheliograph

Yuanyong Deng: Chinese giant solar telescope

History of Astronomy and Astrophysics

Ruffini Remo: Events in the collaboration with China on relativistic Astrophysics

Sigismondi Costantino: Gerbert of Aurillac: Astronomy and Science in the tenth century in Europe

Sun Xiaochun: Study of the Taosi Prehistoric Observatory in Lifeng, China

Valls-Gabaud David: The early history of gravitational lensing

Yang Hong-Jin: Astronomical Aspects of Korean Dolmens
