

	Monday, July 2	Tuesday, July 3	Wednesday, July 4	Thursday, July 5	Friday, July 6	Saturday, July 7
Topic	MATHEMATICS AND GENERAL RELATIVITY	KILONOVAE AND GRAVITATIONAL WAVES	FUTURE PRECISION TESTS OF GR	GRBs AND CMB	MULTIMESSENGER ASTROPHYSICS	THE FRONTIERS
	Chair: REMO RUFFINI 	Chair: ENRICO COSTA 	Chair: CLAUS LAEMMERZAHN 	Chair: MARCO TAVANI 	Chair: PAOLO GIOMMI 	Chair: FULVIO RICCI 
9.00 – 9.35	Marcel Grossmann Awards 1. LYMAN PAGE 2. THE PLANCK SCIENTIFIC COLLABORATION 3. RASHID SUNYAEV 4. HEPL - Stanford 5. SHING-TUNG YAU	ELENA PIAN <i>Kilonovae: the cosmic foundries of heavy elements</i> 	STEFANO VITALE <i>Gravitation Wave Astronomy in ESA science programme</i> 	VICTORIA KASPI <i>Fast Radio Bursts</i> 	RAZMIK MIRZOYAN <i>Gamma-Ray and Multi-Messenger Highlights with MAGIC</i> 	MARKUS ARNDT <i>Experiments to Probe Quantum Linearity at the Interface to Gravity & Complexity</i> 
9.35-10.10	Lectio Magistralis SHING-TUNG YAU <i>Quasi-local mass at null infinity</i> 	NIAL TANVIR <i>A new era of gravitational-wave/electromagnetic multi-messenger astronomy</i> 	TAKAAKI KAJITA <i>Status of KAGRA and its scientific goals</i> 	BING ZHANG <i>From gamma-ray bursts to fast radio bursts: unveiling the mystery of cosmic bursting sources</i> 	ELISA RESCONI <i>Neutrino Astronomy in the Multi-messenger Era</i> 	TOBIAS WESTPHAL <i>Micro-mechanical measurements of weak gravitational forces</i> 
10.10-10.45	RASHID SUNYAEV 	TSVI PIRAN <i>Mergers and GRBs: past present and future</i> 	MASAKI ANDO <i>DECIGO : Gravitational-Wave Observation from Space</i> 	JEAN-LOUP PUGET <i>The Planck mission</i> 	FRANCIS HALZEN <i>IceCube: Opening a New Window on the Universe from the South Pole</i> 	SHU ZHANG <i>Introduction to Insight-HXMT: China's first X-ray Astronomy Satellite</i> 
10.45 -11.15	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11.15-11.50	MALCOLM JOHN PERRY  <i>Black Hole Entropy and Soft Hair</i>	STEPHAN ROSSWOG  <i>Neutron star mergers as heavy element production site</i>	LUO JUN  <i>TianQin: a space-borne gravitational wave detector</i>	JORGE ARMANDO RUEDA HERNÁNDEZ  <i>Binary-driven hypernovae and the understanding of gamma-ray bursts</i>	JAMES LATTIMER  <i>The history of r –process</i>	LORENZO AMATI  <i>Cosmology and multi-messenger astrophysics with Gamma-Ray Bursts</i>
11.50-12.25	THOMAS HERTOZ  <i>A Smooth Exit from Eternal Inflation</i>	DAVID SHOEMAKER  <i>LIGO's past and future observations of Black Hole and Neutron Star Binaries</i>	JO VAN DEN BRAND  <i>Gravitational wave science and Virgo</i>	REMO RUFFINI (TBD)	RALPH ENGEL  <i>What have we learned about ultra-high-energy cosmic rays from the Pierre Auger Observatory?</i>	ELISABETTA CAVAZZUTI  <i>Gev LAT observations from GRBs and active galactic nuclei</i>
12.25-13.00	JEAN-LUC LEHNERS  <i>No smooth beginning for spacetime</i>	YU WANG  <i>On the role of binary systems in GW170817/GRB170817A/T2017gfo</i>	ERNST MARIA RASEL 	HEINO FALCKE  <i>Imaging Black Holes now and in the future</i>	PAOLO DE BERNARDIS 	RUFFINI Remo <i>Concluding Remarks</i>
13.00 -13.35	IVAN AGULLO  <i>Loop Quantum Cosmology and the Cosmic Microwave Background</i>	HAO LIU  <i>An independent investigation of gravitational wave data</i>	MANUEL RODRIGUES  <i>The first results of the MICROSCOPE test of the equivalence principle in space</i>	LUC BLANCHET  <i>Post-Newtonian Theory and Gravitational Waves</i>	FABIO GARGANO  <i>DAMPE and its latest results</i>	ROY KERR <i>Towards MG16</i> 
13.35 - 13.45	13.35 - Group Picture					
15.15-19.15	Parallel Sessions	Parallel Sessions	Free afternoon	Parallel Sessions	Parallel Sessions	
Public Lecture 19.30-20.00	JEREMIAH OSTRIKER  <i>Ultralight scalars as cosmological dark matter</i>	MARC HENNEAUX  <i>The Cosmological Singularity</i>	h. 19.30 Official Banquet Palazzo Colonna	JEAN-LOUP PUGET  <i>From Planck to Atacama Cosmology Telescope</i>	ANNE ARCHIBALD  <i>Does extreme gravity affect how objects fall?</i>	
Public Lecture 20.00-20.30	MALCOLM LONGAIR  <i>Ryle and Hewish: 50 and 100 Year Anniversaries</i>	h. 20.00 - SYSU Connection <i>Reception sponsored by the Sun Yat-Sen University - China</i> 		LYMAN PAGE 	ICRANet Exhibitions: “Fermi and Astrophysics” & “ICRANet and China”	

