

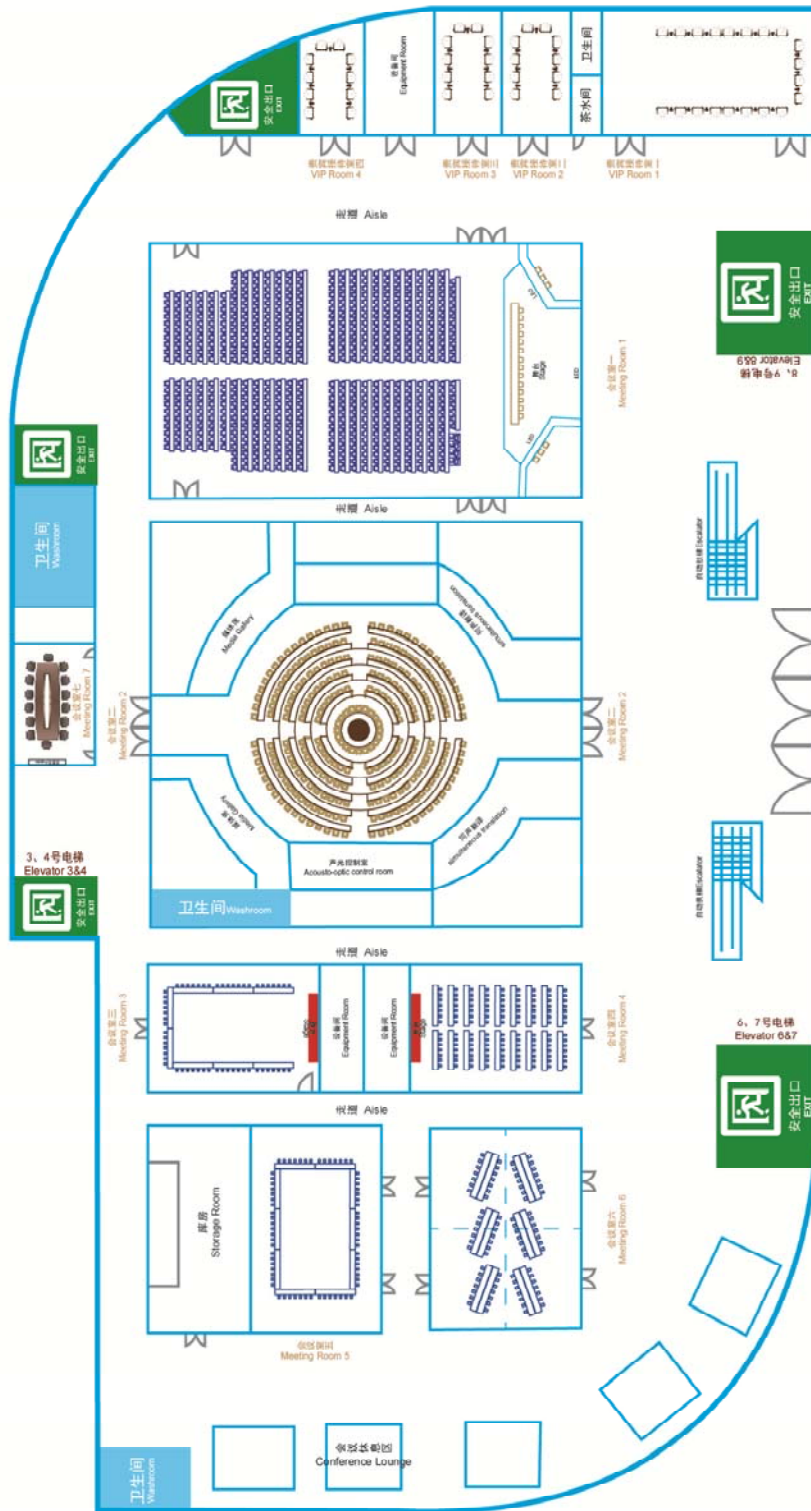
日程安排

时间		内容		
2019年7月15日 (周一)	上午	开幕式		
		大会报告		
	下午	第一分会场	第二分会场	第三分会场
引力理论 黑洞物理 实验技术		黑洞物理	宇宙学 全息、引力对 偶、复杂度、纠 缠熵等	
2019年7月16日 (周二)	上午	大会报告		
	下午	第一分会场	第二分会场	第三分会场
		实验技术	黑洞物理	全息、引力对 偶、复杂度、纠 缠熵
		大会报告（每个展板报告人进行3分钟的报告）		
	茶歇、参观展板、展板奖评选投票			
2019年7月17日 (周三)	上午	第一分会场	第二分会场	第三分会场
		引力波	宇宙学	全息、引力对 偶、复杂度、纠 缠熵
	下午	大会报告		
		闭幕式、颁奖		

温馨提示：

- 全部会议报告厅位于群升豪升大酒店对面的中国-东盟教育交流周永久会址二楼（见后一页的平面图）。
- 会场安排：
 - 大会场：黄果树厅（会议室一）
 - 第一分会场：百花厅（会议室四）
 - 第二分会场：红枫厅（会议室三）
 - 第三分会场：斗篷山厅（会议室五）
- 合影地点：中国-东盟教育交流周永久会址二楼大门前台阶。
- 展板报告的海报展示地点：中国-东盟教育交流周永久会址二楼黄果树厅（会议室一）前。

中国-东盟教育交流周永久会址二楼平面图



2F



会议室 No.	会议室 名称	面积(平方米) Area (m ²)	会议室 名称	会议室 名称	面积(平方米) Area (m ²)
会议室一 Meeting Room 1	黄果树厅 Huangguoshu Theater	704	会议室二 Meeting Room 2	东盟论坛厅 ASEAN Forum/Panel Room	576
会议室二 Meeting Room 3	红枫厅 Hongfeng Meeting Room	154	会议室三 Meeting Room 3	贵宾室二 VIP Room 2	
会议室三 Meeting Room 3	斗篷山厅 Dragon Mountain Meeting Room	144	会议室四 Meeting Room 4	贵宾室一 VIP Room 1	
会议室四 Meeting Room 4	百花厅 Baihua Meeting Room	165	会议室五 Meeting Room 5	贵宾室三 VIP Room 3	
会议室五 Meeting Room 5	斗篷山厅 Dragon Mountain Meeting Room	144	会议室六 Meeting Room 6	贵宾室四 VIP Room 4	
会议室六 Meeting Room 6	松柏山厅 Songbai Mountain Multifunctional Meeting Room	200	会议室七 Meeting Room 7	贵宾厅 Chengnan Reception Room	72
会议室七 Meeting Room 7	贵宾厅 Chengnan Reception Room	72			

Sunday July 14, 2019

[2019年7月14日(星期日)]

Registration

12:00-22:00

报到 (贵州群升豪生大酒店一楼大厅)

18:00-20:00

晚餐

Monday July 15, 2019 [2019年7月15日(星期一)]		
Opening Ceremony & Plenary talks: 08:30-12:00 (开幕式/大会报告: 08:30-12:00)		
Huangguoshu Theater (Meeting Room 1), 2 nd floor [黄果树厅(会议室一), 二楼]		
Chair: 王更生 (Gengsheng Wang)		
08:30-09:00	开幕式、致词	
Chair: 阳劲松 (Jinsong Yang)		
09:00-09:40	荆继良 (Jiliang Jing)	Post-Minkowskian approximation and Effective One-Body theory (后 Minkowski 近似与有效单体理论)
09:40-10:20	許祖斌 (Chopin Soo)	Intrinsic Time Geometrodynamics (具内禀时间的几何动力学)
10:20-10:40	茶歇	
Chair: 陳江梅 (Chiang-Mei Chen)		
10:40-11:20	Bum-Hoon Lee	Gravity with the Gauss-Bonnet term - Black Holes and Cosmological Effects
11:20-12:00	余洪伟 (Hongwei Yu)	What happens if gravity is quantized?
11:50-14:00	午餐	

Parallel Sessions: 14:00-18:00 (分会报告: 14:00-18:00)		
Parallel Session I [第一分会场(引力理论、黑洞物理、实验技术)]		
Baihua Meeting Room (Meeting Room 4), 2 nd floor [百花厅(会议室四), 二楼]		
Chair: 高思杰 (Sijie Gao)		
14:00-14:20	古宝珉	Stability issue of braneworld
14:20-14:40	殷义豪	Solutions to Vasiliev's equations of higher-spin gravity
14:40-15:00	张林	Initial-boundary value problem of scalar field in asymptotic AdS space-time
15:00-15:20	张聪	Bouncing evolution in a model of loop quantum gravity
15:20-15:40	龙高平	The kinematic Hilbert space of higher dimensional loop quantum gravity (高维圈量子引力的运动学希尔伯特空间)
15:40-16:00	茶歇	
Chair: 吴小宁 (Xiaoning Wu)		

16:00-16:20	胡永顺	Resonance interaction between two entangled gravitational polarizable objects
16:20-16:40	徐皓	Unruh Quantum Otto heat engine with level degeneracy
16:40-17:00	田树旬	Testing general relativity with black hole shadow
17:00-17:20	甘庆雨	Strong cosmic censorship for a scalar field in Born-Infeld-de Sitter black hole
17:20-17:40	路晓宇	Test of special relativity using comparisons of clock frequencies (时钟比对检验狭义相对论)
17:40-18:00		
18:00-20:00	晚餐	

Parallel Session II [第二分会场 (黑洞物理)]		
Hongfeng Meeting Room (Meeting Room 3), 2nd floor [红枫厅 (会议室三), 二楼]		
Chair: 刘文彪 (Wenbiao Liu)		
14:00-14:20	陳江梅	Charge Emission from Charged Black Holes
14:20-14:40	王鹏	Phase Structure of a Born-Infeld Black Hole
14:40-15:00	王晶波	Black hole as topological insulator: New developments (黑洞作为拓扑绝缘体: 新进展)
15:00-15:20	胡佳伟	Lightcone fluctuations in a nonlinear medium
15:20-15:40	宁波	Gedanken Experiments to Destroy a BTZ Black Hole
15:40-16:00	茶歇	
Chair: 李翔 (Xiang Li)		
16:00-16:20	杨润秋	Simulate Hawking radiation and fastest quantum scrambling of black holes by quantum many-body systems
16:20-16:40	于爽	Quasinormal modes of static and spherically symmetric black holes with the derivative coupling
16:40-17:00	王明智	Shadow of black hole
17:00-17:20	应蜀翺	Thermodynamics and Phase Transition of a Gauss-Bonnet Black Hole in a Cavity
17:20-17:40	袁旭龙	Collision and acceleration of spinning particles near Janis-Newman-Winicour

		singularities (Janis-Newman-Winicour 裸奇点对带自旋碰撞粒子的加速)
17:40-18:00	刘云龙	Maximal Efficiency of the collisional Penrose process with spinning particles in Kerr-Sen black hole
18:00-20:00	晚餐	

Parallel Session III [第三分会场 (宇宙学、全息、引力对偶、复杂度、纠缠熵等)] Doupeng Mountains Meeting Room (Meeting Room 5), 2nd floor [斗篷山厅 (会议室五), 二楼]		
Chair: 黄庆国 (Qing-Guo Huang)		
14:00-14:20	冯俊	Quantum nonlocality within non-Bunch - Davies states
14:20-14:40	朱涛	Uniform Asymptotic Approximation and its Applications in the Early Universe (均匀渐近近似及其在早期宇宙学中的应用)
14:40-15:00	李守龙	Cosmological Time Crystals From Einstein-Cubic Gravities
15:00-15:20	赵欣	Generalized Brans-Dicke Theory and it's Weak-Field Approximation (推广的 Brans-Dicke 引力修正理论及其弱场近似研究)
15:20-15:40	张楠	Some issues on the accelerating Universe
15:40-16:00	茶歇	
Chair: 聂章宇 (Zhang-Yu Nie)		
16:00-16:20	乔进	Inflationary perturbation spectrum in extended effective field theory of inflation (扩展有效场论暴涨理论中的原初扰动功率谱)
16:20-16:40	丁光华	Inflationary perturbation spectrum at second-order in effective field theory of inflation
16:40-17:00	肖智	The CPT-violating effects on neutron's gravitational bound state
17:00-17:20	吕艳梅	Analytical study on holographic superfluid with RF2 Corrections in AdS soliton background
17:20-17:40	孙嫚嫚	Generalized superconductors from the coupling of a scalar field to the Einstein tensor and their refractive index in massive gravity

17:40-18:00	王东	Backreacting holographic superconductors from the coupling of a scalar field to the Einstein tensor
18:00-20:00	晚餐	

Tuesday July 16, 2019 [2019年7月16日(星期二)]		
Plenary talks: 08:30-12:20 (大会报告: 08:30-12:20)		
Huangguoshu Theater (Meeting Room 1), 2 nd floor [黄果树厅(会议室一), 二楼]		
Chair: 马永革 (Yongge Ma)		
08:30-09:10	蔡荣根 (Rong-Gen Cai)	Gravitational waves induced by scalar perturbations
09:10-09:50	曹周键 (Zhoujian Cao)	Chance and challenge for fundamental physics in the gravitational wave era (引力波天文学带给基础物理的挑战和机遇)
09:50-10:30	詹明生 (Mingsheng Zhan)	Quantum Test of the Equivalence Principle (等效原理的量子检验)
10:30-11:00	合影、茶歇	
Chair: 余海礼 (Hoi-Lai Yu)		
11:00-11:40	Jerzy Lewandowski	Canonical and covariant LQG
11:40-12:20	韩慕辛 (Muxin Han)	Spin Foam Models and Emergent Gravity
12:20-14:00	午餐	

Parallel Sessions: 14:00-16:00 (分会报告: 14:00-18:00)		
Parallel Session I [第一分会场(实验技术)]		
Baihua Meeting Room (Meeting Room 4), 2 nd floor [百花厅(会议室四), 二楼]		
Chair: 黎忠恒 (Zhong-Heng Li)		
14:00-14:20	黎卿	Measurement of gravitational constant G at HUST (引力常数 G 的精确测量)
14:20-14:40	田泽华	Analog cosmological particle generation in a superconducting circuit
14:40-15:00	徐睿	Testing spacetime nonmetricity with neutron spin rotation in liquid 4He
15:00-15:20	伍鹏展	Simulations of Postprocessed Time Delay Interferometry for TAIJI mission (空间引力波探测太极计划中的时间延迟干涉测量)
15:20-15:40	董文粲	The experimental design for testing gravitational inverse-square law at 50 μ m separation with density modulation

		(50 μm 间距下密度调制法检验引力反平方定律方案研究)
15:40-16:00	王亚杰	Improved frequency-shift gravity-gradient compensation on canceling the Raman-pulse-duration effect in atomic gravimeters (利用改进的 FSGG 补偿技术消除原子干涉仪中的拉曼脉冲效应)
16:00-16:20	茶歇	

Parallel Session II [第二分会场 (黑洞物理)]		
Hongfeng Meeting Room (Meeting Room 3), 2nd floor [红枫厅 (会议室三), 二楼]		
Chair: 吴双清 (Shuang-Qing Wu)		
14:00-14:20	魏少文	Intrinsic curvature and topology of shadows in Kerr spacetime
14:20-14:40	杨捷	Innermost stable circular orbit of spinning test particle in Kerr-dS/AdS black hole background
14:40-15:00	王永强	Weak cosmic censorship in Born-Infeld electrodynamics and bound on charge-to-mass ratio
15:00-15:20	曾定方	Oscillatory dust stars in the 2+1 AdS Spacetime
15:20-15:40	李洪波	Rotating multistate boson stars
15:40-16:00	程石婧	Quantum fluctuations of spacetime generate quantum entanglement between gravitationally polarizable subsystems
16:00-16:20	茶歇	

Parallel Session III [第三分会场 (全息、引力对偶、复杂度、纠缠熵)]		
Doupeng Mountains Meeting Room (Meeting Room 5), 2nd floor [斗篷山厅 (会议室五), 二楼]		
Chair: 潘启沅 (Qiyuan Pan)		
14:00-14:20	曾化碧	Vortex lattice in a rotating holographic superfluid
14:20-14:40	张海青	Holographic Kibble-Zurek mechanism
14:40-15:00	何松	Memory effect of Entanglement Entropy in 2D Quantum Gravity
15:00-15:20	吴昕蒙	Chiral vortical conductivity across a

		topological phase transition from holography
15:20-15:40	赵俊坤	Weyl semimetal/insulator transition from holography
15:40-16:00	厉岳洲	From AdS to CFT and vice versa
16:00-16:20	茶歇	

Plenary talks: 16:20-17:00 (大会报告: 16:20-17:00) (每个展板报告人进行 3 分钟的报告)		
Huangguoshu Theater (Meeting Room 1), 2 nd floor [黄果树厅 (会议室一), 二楼]		
Chair: 吴普训 (Puxun Wu)		
1	简念川 (Nianchuan Jian)	Gravitational Wave Detection Using Deep Space Doppler Tracking
2	金涛 (Tao Jin)	利用扭秤检验洛伦兹破缺效应
3	刘昊天 (Haotian Liu)	Time delay of timelike particles in gravitational lensing of Schwarzschild spacetime (史瓦西时空中类时粒子的时间延迟)
4	黎丹聃 (Dandan Li)	用参数解研究黑洞的相变
5	罗锐 (Rui Luo)	微米间距自旋相关的单极-偶极相互作用实验检验
6	Junjie Zhao	Testing scalar-tensor gravity with binary pulsars and gravitational wave
7	陈超 (Chao Chen)	Sound Speed Resonance Mechanism in Curvaton
8	李志红 (Zhihong Li)	Generation of topological defects with Holographic Lifshitz scaling
9	李爱晨 (Aichen Li)	Primordial gravitational waves of wormholes in inflating universe
10	石汉青 (Hanqing Shi)	The Entanglement Entropy of Neural-network Quantum State in Transverse-field Ising Model (基于神经网络量子态的横场 Ising 模型纠缠熵)

17:00-18:00	茶歇、参观展板、展板奖评选投票
18:00-20:00	晚餐

Wednesday July 17, 2019 [2019年7月17日(星期三)]		
Parallel Sessions: 08:30-11:50 (分会报告: 08:30-11:50)		
Parallel Session I [第一分会场(引力波)] Baihua Meeting Room (Meeting Room 4), 2 nd floor [百花厅(会议室四), 二楼]		
Chair: 李芳昱 (Fangyu, Li)		
08:30-08:50	余海礼	Gravitational waves in Intrinsic Time Quantum Gravity
08:50-09:10	廖恺	The Wave Nature of Continuous Gravitational Waves from Microlensing
09:10-09:30	邵立晶	Testing gravity with gravitational waves
09:30-09:50	曹硕	Multi-messengers in the Universe: strongly gravitational lensed and unlensed gravitational waves
09:50-10:10	侯绍齐	Strong Equivalence Principle and Gravitational Wave Polarizations in Horndeski Theory
10:10-10:30	茶歇	
Chair: 舒富文 (Fu-Wen Shu)		
10:30-10:50	杨星宇	Resonant multiple peaks in the induced gravitational waves
10:50-11:10	王丽丽	Identifying extra high frequency gravitational waves generated from oscillons with cuspy potentials using deep neural networks
11:10-11:30	周璐	Testing the cosmic distance-duality relation from future gravitational wave standard sirens (将来引力波标准汽笛测试宇宙距离对偶关系)
11:30-11:50		
11:50-14:00	午餐	

Parallel Session II [第二分会场(宇宙学)] Hongfeng Meeting Room (Meeting Room 3), 2 nd floor [红枫厅(会议室三), 二楼]		
Chair: 徐立昕 (Lixin Xu)		
08:30-08:50	薛迅	源自弦景观的有效 quintessence 势
08:50-09:10	邱涛涛	Towards a complete scenario of the early universe

09:10-09:30	P. P. Yu	Gauge fields in spatially homogeneous cosmologies and their linearization stability
09:30-09:50	Yun-Long Zhang	Emergent Dark Universe and the Swampland Criteria
09:50-10:10	Taishi Katsuragawa	Dark Matter Candidate in Modified Gravity?
10:10-10:30	茶歇	
Chair: 蔡一夫 (Yi-Fu Cai)		
10:30-10:50	孙兵	Testing dark matter's fifth force with planets of perihelion precession
10:50-11:10	赵素平	Holographic Dark Energy Model is Consistent with Pantheon SN Ia Data
11:10-11:30	陈华	BBN constraints on chameleon dark matter
11:30-11:50	施加明	Dark matter in Horndeski theory (Horndeski 理论下的暗物质问题研究)
11:50-14:00	午餐	

Parallel Session III [第三分会场 (全息、引力对偶、复杂度、纠缠熵)] Doupeng Mountains Meeting Room (Meeting Room 5), 2nd floor [斗篷山厅 (会议室五), 二楼]		
Chair: 缪炎刚 (Yan-Gang Miao)		
08:30-08:50	凌意	Note on quantum entanglement and quantum geometry (量子纠缠与量子几何)
08:50-09:10	林海	Entanglement Measures and Entanglement Structures in Emergent Spacetime
09:10-09:30	孙佳睿	On the emergence of gravitational dynamics from tensor networks
09:30-09:50	钟渊	Collision of two kinks with inner structure
09:50-10:10	李理	Spectral Weight Suppression with Strong Holographic Lattices
10:10-10:30	茶歇	
Chair: 岳瑞宏 (Rui-Hong Yue)		
10:30-10:50	刘鹏	Entanglement of Purification in Holographic Systems
10:50-11:10	苗荣欣	Holographic BCFT with Dirichlet boundary condition
11:10-11:30	聂章宇	A phase diagram of holographic p-wave

		superfluid (全息 p 波超流相图)
11:30-11:50	Shan-Ming Ruan	The First Law of Complexity
11:50-14:00	午餐	

Plenary talks & Award ceremony: 14:00-18:00 (大会报告/颁奖: 14:00-18:00)		
Huangguoshu Theater (Meeting Room 1), 2 nd floor [黄果树厅(会议室一), 二楼]		
Chair: 凌意 (Yi Ling)		
14:00-14:40	戴子高 (Zigao Dai)	Binary Neutron Star Mergers (双中子星并合)
14:40-15:20	熊少林 (Shaolin Xiong)	Space Programs in IHEP
15:20-16:00	刘玉孝 (Yu-Xiao Liu)	Developments in Extra Dimensions and Brane Worlds (额外维的发展)
16:00-16:20	茶歇	
Chair: 龚云贵 (Yungui Gong)		
16:20-17:00	葛先辉 (Xian-Hui Ge)	Some aspects of transports in the gauge/gravity duality and the Sachdev-Ye-Kitaev model
17:00-17:40	郭宗宽 (Zong-Kuan Guo)	Gravitational waves from the early Universe (早期宇宙产生的随机引力波背景)
17:40-18:00	闭幕式、颁奖	
18:00-20:00	晚餐	