

Series events of the 60th anniversary of China-France diplomacy
and the 30th anniversary of China-ALICE cooperation

Workshop on Advances, Innovations, and Future Perspectives in High-Energy Nuclear Physics

中法建交60周年暨中国-ALICE国际合作30年系列活动

"高能核物理进展、创新与展望"国际研讨会

Host Institute

Central China Normal University (CCNU)

Co-host Institutes

China Institute of Atomic Energy (CIAE)

Fudan University (FDU)

University of Science and Technology of China (USTC)

China University of Geosciences (Wuhan) (CUG,Wuhan)

France-China Particle Physics Network (FCPPN) of International Research Network (IRN)

China Center of Advanced Science and Technology (CCAST)

Workshop Booklet

Institute Of Particle Physics
College of Physics Science and Technology, Central China Normal University

Key Laboratory of Quark & Lepton Physics, MoE, China

International Research Center for Quark Matter and Detection of the Ministry of Science and
Technology, MOST, China

October 19-24, 2024, Wuhan, China





中-法高能核物理实验合作简介



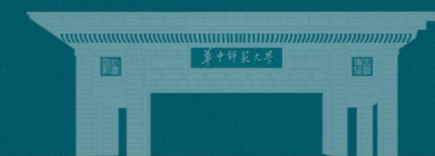
中方与法国在核物理实验方面的合作始于上世纪90年代中期。最早由华中师范大学与法赛伊琳·朱莉奥-居里“两种无限”物理实验室 (IJCLab) 的前身奥赛核物理研究所 (IPNO) 共同开展ALICE实验合作研究, 联合培养博士生和博士后。2007年4月, 基于中-法政府间科技合作协议, 由中国科学院、法国国家科研中心 (CNRS) 和法国原子能与替代能源委员会 (CEA) 牵头成立中-法粒子物理联合实验室 (FCPPL)。2024年, FCPPL发展成为法国国际研究网络 (IRN) 和国际研究实验室 (IRL) 的一部分, 更名为FCPPN/L。旨在加强中-法在核物理领域的合作, 推动两国科学家在核物理实验和理论研究的共同进步, 促进两国在该领域的学术交流和人才培养。华中师范大学和中国科学技术大学是FCPPL的最早成员单位。华中师范大学于2009年主办了第二届FCPPL双边学术年会, 该系列会议至今已举办了15届。中国ALICE团队与法方在FCPPL框架下开展高能量前沿探索夸克物质的深度合作。与南特亚原子物理与技术实验室 (Subatech)、克莱蒙-奥弗涅粒子物理研究所 (LPCA)、里昂“两种无限”物理研究所 (IP2I)、萨克莱“宇宙基本法则”研究所 (IRFU)、斯特拉斯堡于贝尔·居里跨学科研究所 (IPHC)、格勒诺布尔亚原子物理与宇宙学实验室 (LPSC) 开展合作研究。培养了一批立足国际前沿的青年骨干人才, 推动了中法两国在核物理领域的研究, 深化了双方在该领域的学术交流与前沿探索, 促进了中法之间的科技交流, 增进了两国科研人员的友谊。



中国-ALICE合作30年回眸



由华中师范大学牵头, 中方于1993年加入LHC-ALICE实验国际合作组, 开展在极端高温度和能量密度下的夸克物质探测, 合作至今已30余年。中国-ALICE团队由华中师范大学、中国原子能科学研究院、复旦大学、中国科学技术大学、中国地质大学 (武汉)、华中科技大学、湖北工业大学组成。在国家自然科学基金委员会、科技部和教育部的支持下, 先后为ALICE实验研制出光子谱仪 (PHOS) 前端电子学、取样电磁量能器 (DCal) 超级模块, 参加ALICE第二代内层径迹探测器 (ITS2) 的芯片设计和模块研制, 以及缪子前向径迹探测器 (MFT) 的电子学母板的设计和建造。当前正在参加第三代硅像素探测器 (ITS3) 和前向电磁量能器 (FoCal) 的合作研制。为ALICE探测器的研发与建造作出了重要的贡献。在极端相对论重离子碰撞中的重味物理、喷注物理、集体行为、奇特物质态、QCD手征反常、冷核物质效应, 以及小系统碰撞中的新物理现象等方面取得了一批受国际学界认可并具有重要影响的成果。



Introduction to the France-China Collaboration in High-Energy Nuclear Physics Experiments

The collaboration between China and France in high-energy nuclear physics experiments dates back to the mid-1990s. The earliest cooperation was initiated by Central China Normal University (CCNU) and the former Institut de Physique Nucléaire d'Orsay (IPNO), the predecessor of the Laboratoire des Physiques des 2 Infinis Irène Joliot-Curie (IJCLab). The early efforts were focused on ALICE-related research and the joint training of PhD students and postdoctoral researchers.

In April 2007, under the framework of the France-China intergovernmental science and technology cooperation agreement, the France-China Particle Physics Laboratory (FCPPL) was established, led by the Chinese Academy of Sciences (CAS), the Centre National de la Recherche Scientifique (CNRS), and the Commissariat à l'énergie atomique et aux énergies alternatives (CEA) in France. In 2024, FCPPL evolved into FCPPN/L, an International Research Network (IRN) combined with an International Research Lab (IRL). The aim of this framework is to strengthen cooperation in high-energy physics, foster scientific advancement in experimental and theoretical studies, and promote academic exchange and talent development between the two countries.

CCNU and the University of Science and Technology of China (USTC) were among the founding members of FCPPL. CCNU hosted the 2nd FCPPL annual workshop in 2009, and this series of workshops has continued, with 15 held to date. Within the FCPPL framework, a deep collaborative effort to explore quark matter at the energy frontier has been established, bringing together the ALICE-China team and French institutes including the Laboratoire de Physique Subatomique et des Technologies Associées (Subatech) in Nantes, the Institut de Physique des Particules de Clermont Auvergne (LPCA), the Institut de Physique des 2 Infinis (IP2I) in Lyon, the Institut de Recherche sur les Lois Fondamentales de l'Univers (IRFU) in Saclay, the Institut Pluridisciplinaire Hubert Curien (IPHC) in Strasbourg, and the Laboratoire de Physique Subatomique et de Cosmologie (LPSC) in Grenoble. This collaboration has nurtured a generation of young, internationally competitive researchers, advanced high-energy nuclear physics research in both countries, deepened academic exchanges and exploration of frontier topics, enhanced technological exchange, and strengthened the bonds of friendship between scientists from China and France.

30 Years of China-ALICE Collaboration: A Brief Retrospective

China has been part of the LHC-ALICE international collaboration since 1993, led by Central China Normal University (CCNU), with participation spanning over three decades.

In addition to CCNU, the ALICE-China team includes members from the China Institute of Atomic Energy (CIAE), Fudan University (FDU), University of Science and Technology of China (USTC), China University of Geosciences (Wuhan) (CUG, Wuhan), Huazhong University of Science and Technology (HUST), and Hubei University of Technology (HUT). The research concentration is on exploring quark matter under extreme conditions of high temperature and energy density at the TeV domain.

With the support of the National Natural Science Foundation of China (NSFC), the Ministry of Science and Technology (MOST), and the Ministry of Education (MoE), the ALICE-China team has made notable contributions to the development and construction of the ALICE detector, including the design and production of front-end electronics for the Photon Spectrometer (PHOS) and the supermodules for the sampling electromagnetic calorimeter (DCal), involvement in the chip design and module development for the 2nd-generation Inner Tracking System (ITS2), and the manufacturing of electronic motherboards for the Muon Forward Tracker (MFT). Currently, the ALICE-China team is engaged in the development of the 3rd-generation silicon pixel detector (ITS3) and the forward electromagnetic calorimeter (FoCal).

The ALICE-China team also made significant scientific achievements, such as advancing our understanding of heavy-flavour and jet production, the collectivities of quark matter, exotic states of matter, QCD chiral anomalies, cold nuclear matter effects in ultra-relativistic heavy-ion collisions, as well as discovering of new phenomena in small system collisions.



Conference Information



Workshop Program Overview

Date	Time	Content	Venue Address
Oct. 19	14:00-20:00	Registration and Check-in	Junyi & Kingdom Plaza
Oct. 20	8:40-9:40	Welcome	1F, Science Hall
	9:40-18:25	Conference	1F, Science Hall
Oct. 21	8:30-18:15	Conference	1F, Science Hall
Oct. 22	8:30-18:30	Conference	1F, Nanhu Venue
Oct. 23	8:30-18:05	Conference	1F, Nanhu Venue
Oct. 24	9:00-11:50	Conference	1F, Nanhu Venue
	11:50-12:15	closing remarks	1F, Nanhu Venue
	12:30-14:00	Check out	Junyi & Kingdom Plaza

NOTE:

- ① If you miss the on-site registration on October 19th, Please register at the venue from October 20th.
- ② **Free WiFi:** Name: hiCCNU2024_1 Password: ccnu2024
Name: hiCCNU2024_2 Password: ccnu2024
- ③ Shuttle buses between the hotel and the workshop venue will be organized. Please find detailed arrangements below:

Shuttle Buses Schedule

Date	Departure	Destination	Departure time	Note	
Oct. 19	Kingdom Plaza	Junyi	19:00	To the buffet at Junyi	
	Junyi	Kingdom Plaza	21:10		
Oct. 20	Kingdom Plaza	Science Hall	8:00		
	Junyi		8:10		
	Science Hall	Hujin restaurant	18:30		Dinner
	Hujin restaurant	Junyi	20:40		
Kingdom Plaza		20:40			
	CCNU	20:40			
Oct. 21	Kingdom Plaza	Science Hall	7:50		
	Junyi		8:00		
	Guiyuan hotel	Wuchang Riverfront	19:00		To the park
	Wuchang Riverfront	Junyi	21:30		
Kingdom Plaza		21:30			
	CCNU	21:30			
Oct. 22	Kingdom Plaza	Nanhu Venue	7:50		
	Junyi		8:00		
	Nanhu Venue	Xiaoguan restaurant	18:40		Dinner
	Xiaoguan restaurant	Junyi	20:30		
Kingdom Plaza		20:30			
Oct. 23	Kingdom Plaza	Nanhu Venue	7:50		
	Junyi		8:00		
	Nanhu Venue	Guiyuan hotel	18:15		Dinner
	Guiyuan hotel	Junyi	20:00		
Kingdom Plaza		20:00			
Oct. 24	Kingdom Plaza	Nanhu Venue	8:20		
	Junyi		8:30		
	Nanhu Venue	Guiyuan hotel	12:25		Lunch

In the evening of the 21st, dinner will be served as a dinner box at the Guiyuan Hotel, ensuring a prompt departure at 19:30 for the Wuchang Riverfront, followed by the cruise ship.

Catering Arrangements

Breakfast: please use your room card to gain access to breakfast at your respective hotels;

Lunch and Dinner: meals will be provided with meal vouchers at the specified location, please find detailed arrangements below:

Date	Time	Address
Oct. 19	18:00-20:00	Jinma Men (金马门) International Food Court, Junyi
Oct. 20	12:40-14:00	Guiyuan (桂苑) Hotel
	19:00-21:00	Hujin (湖锦) Restaurant
Oct. 21	12:25-14:00	Guiyuan (桂苑) Hotel
	18:40-19:30	Guiyuan (桂苑) Hotel
Oct. 22	12:10-14:00	2F, Nanhu (南湖) Canteen
	19:00-20:30	Xiaoguan (小观园) Restaurant
Oct. 23	12:10-14:00	2F, Nanhu (南湖) Canteen
	18:30-20:00	Guiyuan (桂苑) Hotel
Oct. 24	12:30-14:00	Guiyuan (桂苑) Hotel

NOTE:

- ⦿ Please note that in the evening of the 19th, a buffet dinner will be served at the Jinma Men (金马门) International Food Court, located on the 5th floor of the Junyi Dynasty Hotel.
- ⦿ For information on shuttle bus services between the Jinma Men International Food Court and Kingdom Plaza, please refer to the previous section.

Conference Venue



The first floor, Science Hall
The first floor, Academic Hall, Nanhu Venue



Hotel



Junyi Dynasty Hotel

Address: No.87, Luoyu Road, Hongshan District, Wuhan



Optics Valley Kingdom Plaza

Address: No.1, Wujiawan, Hongshan District, Wuhan

Airport/Train Station - Junyi Dynasty Hotel

Route	Taxi	Metro/Bus	Note
Tianhe International Airport - Junyi Dynasty Hotel	Distance: 38 km Cost: 110 RMB	Metro line 2 (Fozu Ling direction, 佛祖岭方向): Take line 2, travel 20 stops to Jiedao Kou (街道口) station, then walk to the hotel from Exit C. It takes 90 minutes.	If you take the metro, take Exit C of Jiedao Kou (街道口) station and walk about 600 meters to the hotel.
Wuhan Railway Station- Junyi Dynasty Hotel	Distance: 14 km Cost: 45 RMB	Metro line 4 (Bailin direction, 柏林方向), transfer to line 2 (Fozu Ling direction, 佛祖岭方向): Take line 4, travel 12 stops to Zhongnan Road (中南路) station, then transfer to line 2, travel 2 stops to Jiedao Kou (街道口) station, then walk to the hotel from Exit C. It takes 50 minutes.	
Wuchang Railway Station- Junyi Dynasty Hotel	Distance: 7 km Cost: 25 RMB	Metro line 4 (Wuhan Railway Station direction, 武汉火车站方向), transfer to line 2 (Fozu Ling direction, 佛祖岭方向): Take line 4, travel 2 stops to Zhongnan Road (中南路) station, then transfer to line 2, travel 2 stops to Jiedao Kou (街道口) station, then walk to the hotel from Exit C. It takes 25 minutes. Bus 538/518 (Nanhu Avenue Chashan Liu direction, 南湖大道茶山刘方向) Take bus 538/518, travel 7 stops to Luoyu Road Guangbutun (珞喻路广埠屯) station, then walk to the hotel. It takes 40 minutes.	
Hankou Railway Station- Junyi Dynasty Hotel	Distance: 20 km Cost: 65 RMB	Metro line 2 (Fozu Ling direction, 佛祖岭方向): Take line 2, travel 13 stops to Jiedao Kou (街道口) station, then walk to the hotel from Exit C. It takes 45 minutes.	

Airport/Train Station - Optics Valley Kingdom Plaza

Route	Taxi	Metro/Bus	Note
Tianhe International Airport - Optics Valley Kingdom Plaza	Distance: 38 km Cost: 110 RMB	Metro line 2 (Fozu Ling direction, 佛祖岭方向): Take line 2, travel 20 stops to Jiedao Kou (街道口) station, then walk to the hotel from Exit C. It takes 90 minutes.	Buses that can be transferred from Luoyu Road Guangbutun Metro (珞喻路广埠屯地铁站) Station to Luoyu Road Wujiawan (珞喻路吴家湾) Station: No. 702 / No. 401 / No. 521 / No. 709 / No. 810 / No. 567 Inner Circle (内环) / No. 583 / No. E (鄂) 101.
Wuhan Railway Station- Optics Valley Kingdom Plaza	Distance: 19 km Cost: 55 RMB	Metro line 4 (Bailin direction, 柏林方向), transfer to line 2 (Fozu Ling direction, 佛祖岭方向), then transfer to bus: Take line 4, travel 12 stops to Zhongnan Road (中南路) station, then transfer to line 2, travel 3 stops to Guangbutun (广埠屯), then walk to Luoyu Road Guangbutun Metro (珞喻路广埠屯地铁站) station from Exit D and take a bus to Luoyu Road Wujiawan (珞喻路吴家湾), and then walk to the hotel. It takes 70 minutes.	
Wuchang Railway Station- Optics Valley Kingdom Plaza	Distance: 8 km Cost: 26 RMB	Metro line 4 (Wuhan Railway Station direction, 武汉火车站方向), transfer to line 2 (Fozu Ling direction, 佛祖岭方向), then transfer to bus: Take line 4, travel 2 stops to Zhongnan Road (中南路) station; then transfer to line 2, travel 3 stops to Guangbutun (广埠屯), then walk to Luoyu Road Guangbutun Metro (珞喻路广埠屯地铁站) station from Exit D and take a bus to Luoyu Road Wujiawan (珞喻路吴家湾), then walk to the hotel. It takes 41 minutes. Bus 518 (Guanggu 4 Road, Jufeng 1 Road direction, 光谷四路九峰一路方向): Take bus 518, travel to 11 stops to Luoyu Road Wujiawan (珞喻路吴家湾), and then walk to the hotel. It takes 55 minutes.	
Hankou Railway Station- Optics Valley Kingdom Plaza	Distance: 21 km Cost: 65 RMB	Metro line 2 (Fozu Ling direction, 佛祖岭方向), transfer to bus: Take line 2, travel 24 stops to Guangbutun (广埠屯), then walk to Luoyu Road Guangbutun Metro (珞喻路广埠屯地铁站) station from Exit D and take a bus, travel to 4 stops to Luoyu Road Wujiawan (珞喻路吴家湾), then walk to the hotel. It takes 60 minutes. Bus 703 (East Luoyu Road Gaopodian direction, 珞喻东路高坡店方向): Take bus 703, travel to 18 stops to Luoyu Road Wujiawan (珞喻路吴家湾), and then walk to the hotel. It takes 98 minutes.	

Timetable

Sunday, Oct. 20th

Time	Speaker	Title
Convener: Daicui Zhou		
8:40-9:40	Chair of CCNU Council: Lixin Xia	Welcome Speech
	Huanqiao Zhang	
	Yugang Ma	
	Laurent Cuenoud	
	Eric Kajfasz	
	Marco van Leeuwen	
9:40-10:10	Coffee break + photo	
Convener: Yugang Ma		
10:10-10:40	Jurgen Schukraft	Little Bang at Big Colliders: 40 years of ultra-relativistic heavy ion physics
10:40-11:05	Nicole Bastid	China-France cooperation and achievements
11:05-11:30	Dieter Roehrich	From PHOS to FoCal - 25 years of collaboration CCNU-UiB
11:30-11:55	Andrea Rossi	China-Italy cooperation and achievements
11:55-12:20	Daicui Zhou	China-ALICE cooperation and achievements
12:20-14:00	Lunch	
Convener: Nu Xu		
14:00-14:30	Kai Schweda	ALICE Highlights
14:30-15:00	Xianglei Zhu	LHCb Highlights
15:00-15:30	Zhenyu Chen	CMS Highlights
15:30-16:00	Qipeng Hu	ATLAS Highlights
16:00-16:20	Coffee break	
Convener: Yves Schutz		
16:20-16:50	Manqi Ruan	Science, and reconstruction of hadronic events at the CEPC
16:50-17:20	Nu Xu	Study of QCD phase structure at RHIC
17:20-17:50	Weiping Liu	Probe element synthesis in star with deep underground JUNA facility
17:50-18:25	Jiangyong Jia	Collectivity: Prospects and Future Directions

Timetable

Monday, Oct. 21th

Time	Speaker	Title
Convener: Xinnian Wang		
8:30-9:00	Pengfei Zhuang	Heavy quark production in magnetic and rotational fields
9:00-9:30	Zuotang Liang	Global quark spin correlations in relativistic heavy ion collisions
9:30-10:00	Huichao Song	Soft physics for high energy nucleus-nucleus collisions
10:00-10:30	Jibo He	Heavy flavour production in LHCb
10:30-10:50	Coffee break	
Convener: Xuguang Huang		
10:50-11:20	Andreas Morsch	Density dependent QCD effects in pp collisions
11:20-11:50	Hongxi Xing	Parton fragmentation from vacuum to nuclear medium
11:50-12:20	Shanshan Cao	Light and heavy flavor jet quenching in relativistic heavy-ion collisions
12:20-14:00	Lunch	
Convener: Zebo Tang		
14:00-14:30	Marco van Leeuwen	The ALICE upgrade program
14:30-15:00	Alessandra Fantoni	The development of Si detector in ALICE: from ITS2 to ITS3
15:00-15:30	Zhongbao Yin	ALICE detector development at CCNU
15:30-16:00	Antonin Maire	ALICE 3 physics programme
16:00-16:20	Coffee break	
Silvia Masciocchi (online): 5 minutes Greetings Convener: Qinghua Xu		
16:25-16:55	Manuel Guittiere	Prospects and challenges for LHCb upgrades
16:55-17:20	Xiangming Sun	MAPS chip R&D at CCNU
17:20-17:50	Federico Ronchetti	Efficient scientific computing with the ALICE event processing nodes GPU-based farm
17:50-18:20	Xiaomei Li	Detector development at CIAE

Timetable

Tuesday, Oct. 22th

Time	Speaker	Title
Convener: Zhongzhou Ren		
8:30-8:55	Shuai Yang	Experimental insights from CMS in ultra-peripheral collisions
8:55-9:20	Zhong Yang	Jet quenching and medium-response
9:20-9:45	Nima Zardoshti	Probing the flavour dependence of parton showers
9:45-10:10	Wei Dai	Study of EEC discrimination power on quark and gluon quenching effects in heavy-ion collisions at 5.02 TeV
10:10-10:30	Coffee break	
Convener: Fengshou Zhang		
10:30-10:55	Gergely Gabor Barnafoldi	How far can we see back in time in high-energy collisions using charm hadrons?
10:55-11:20	HaiTao Shu	Lattice determination of heavy quark diffusion
11:20-11:45	Dingyu Shao	Cold nuclear matter effects on jet production at the LHC
11:45-12:10	Zhiguang Tan	Classical description of quark interactions
12:10-14:00	Lunch	
Convener: Defu Hou		
14:00-14:25	Gustavo Conesa Balbastre	Isolated photon production in pp, pPb and PbPb collisions measured with ALICE
14:25-14:50	Mihai Petrovici	QCD Challenges
14:50-15:15	Hao Qiu	Observation of the Antimatter Hypernucleus Antihyperhydrogen-4
15:15-15:40	Antonio Uras	Multiplicity-dependent quarkonium production
15:40-16:00	Coffee break	
Convener: Jurgen Schukraft		
16:00-16:25	Romain Schotter	Testing CPT symmetry with multi-strange baryons mass precision measurements using ALICE
16:25-16:50	Xiaozhi Bai	Quarkonium production in heavy-ion collisions
16:50-17:15	Victor Feuillard	Quarkonium production in pp and p-Pb collisions
17:15-17:40	Maurice Coquet	Prompt/non-prompt Jpsi production in ALICE
17:40-18:05	Ionut Cristian Arsene	Quarkonium photoproduction in peripheral PbPb and ultra-peripheral collisions

Timetable

Wednesday, Oct. 23rd

Time	Speaker	Title
Convener: Xiaoming Zhang		
8:30-8:55	Weiyao Ke	HBT correlation in heavy-ion collisions with a hard process
8:55-9:20	Cristina Terrevoli	Overview of recent HF highlights results
9:20-9:45	Andrea Rossi	Overview of experimental results on open heavy-flavour hadronization
9:45-10:10	Fabrizio Grosa	Probing the quark-gluon plasma with heavy-flavour hadrons
10:10-10:30	Coffee break	
Convener: Yapeng Zhang		
10:30-10:55	Shi Pu	Spin polarization in A+A and p+A collisions
10:55-11:20	Shengqin Feng	Spin polarization phase transition and transportation of QGP at finite temperature in the presences of magnetic field and rotation
11:20-11:45	Xinyang Wang	Distilling circularly polarized photon emission from magnetized chiral plasmas
11:45-12:10	Cong Yi	Spin polarization of Λ hyperons along beam direction in p+Pb collisions using hydrodynamic approaches
12:10-14:00	Lunch	
Convener: Zaochen Ye		
14:00-14:25	Shusu Shi	Collectivity from the STAR BES program
14:25-14:50	Li Yan	Extraction of sound velocity in ultra-central heavy-ion collisions
14:50-15:15	Chunjian Zhang	Imaging shapes of atomic nuclei in High-Energy Nuclear collisions
15:15-15:40	Jean-Yves Ollitrault	Probing collectivity with fluctuations of the pt spectrum
15:40-16:05	Diego Stocco	W and Z production in hadronic collisions with ALICE
15:40-16:00	Coffee break	
Convener: Dieter Roehrich		
16:25-16:50	Antonio Ortiz Velasquez	Unveiling the origin of QGP-like effects in pp and p-Pb collisions using flattonicity
16:50-17:15	Ting Lin	Constraining the gluon helicity at STAR
17:15-17:40	Mingrui Zhao	Anisotropic flow measurements in small collision systems

Timetable

Thursday, Oct. 24th: Morning

Time	Speaker	Title
Convener: Heng-tong Ding		
9:00-9:25	Longgang Pang	Deep learning for nuclear equation of state at extreme conditions
9:25-9:50	Zhiyong Lu	Exploring nuclear structure with multiparticle azimuthal correlations at the LHC
9:50-10:15	Zefang Jiang	External magnetic field induced paramagnetic squeezing effect in heavy-ion collisions at the LHC
10:15-10:35	Coffee break	
Convener: Guangyou Qin		
10:35-11:00	ShuangLi	Nonperturbative heavy quark transport in a semi-Quark-Gluon-Plasma
11:00-11:25	Yufu Lin	Search for the chiral magnetic effect with forced match of multiplicity and elliptic flow in isobar collisions at STAR
11:25-11:50	Zhilei She	Exotic states production in nuclear collisions at the LHC energy
11:50-12:15	Xiaoming Zhang	Closing remarks

Organizational Structure

Host Institute:

Central China Normal University (CCNU)

Co-host Institutes:

China Institute of Atomic Energy (CIAE)

Fudan University (FDU)

University of Science and Technology of China (USTC)

China University of Geosciences (Wuhan) (CUG, Wuhan)

International Research Network (IRN) France-China Particle Physics Network (FCPPN)

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Meeting Minutes

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