SUSY 2020

The 28th International Conference on Supersymmetry and Unification of Fundamental Interactions, Beijing, P. R. China

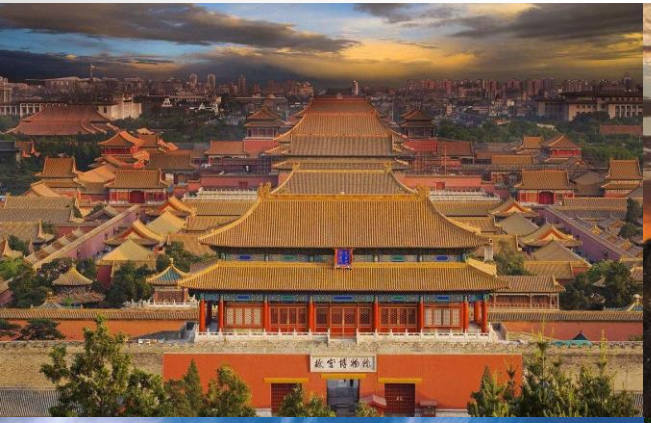
SUSY 2020: July 27-31, 2020

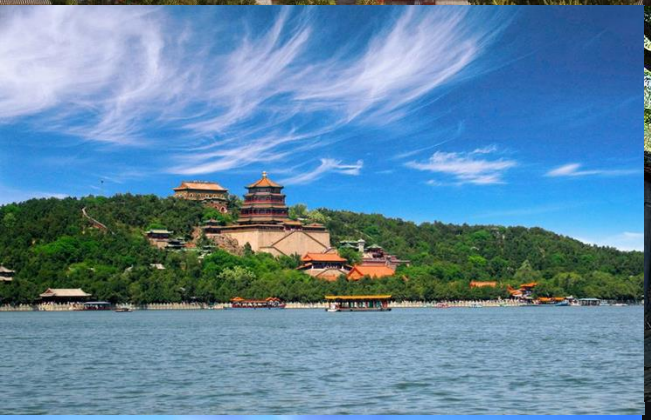
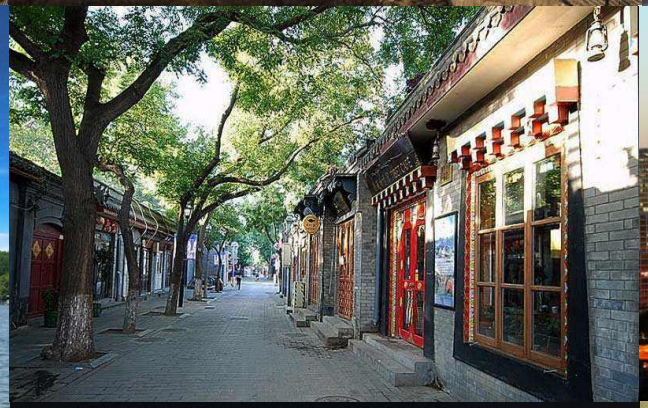
Pre-SUSY 2020: July 20-July 24, 2020

Institute of Theoretical Physics (ITP), Chinese Academy of Sciences (CAS)

Conference Location: Beijing, P. R. China

Beijing, P. R. China

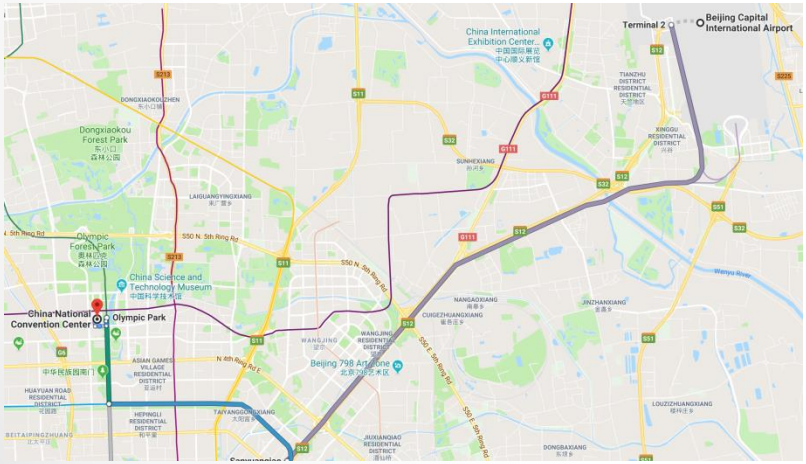


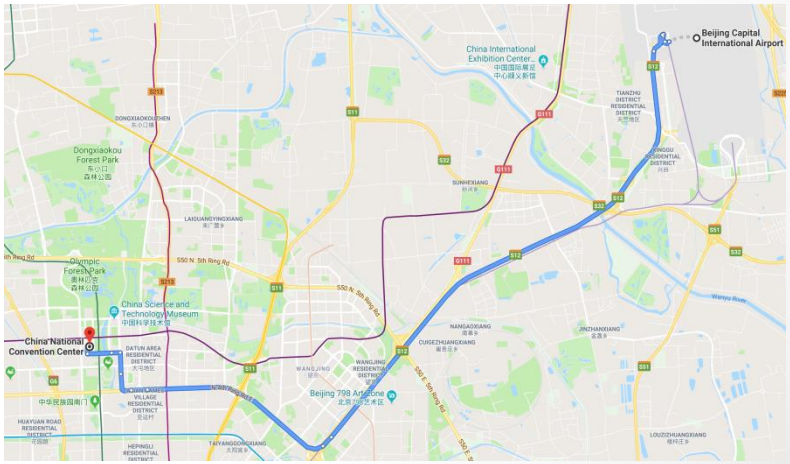
The China National Convention Center (CNCC)

Transportation to the CNCC from the Beijing Capital International Airport

- **Taxi**: the distance from airport to the CNCC is around 26 km, it takes about half hour, and costing around RMB 90 (~ US$ 13).
- **Shuttle Bus**: operating every 30 mins between 5AM - 10 PM, shuttle bus arrives at the north of the CNCC in one hour, and costing RMB 30 (~ US$ 4.4) .
- **Subway**: open 5AM – 11PM each day. The nearby Olympic Park subway station can be arrived from airport for RMB 30 (~ US$ 4.4) in one hour.



Taxi or Subway



Bus

Conference Main Hall

位置优越 功能完备

国家会议中心 CHINA NATIONAL CONVENTION CENTER

A PRESTIGIOUS LOCATION & INTEGRATED FACILITIES

- 2008 北京奥运会的主新闻中心、国际广播中心、击剑馆所在地
- 雄踞奥运公园中心区，比邻“鸟巢”、“水立方”
- 距北京首都国际机场 26 公里
- 地铁 8 号线奥林匹克公园站出口即是场馆
- 20 多条公交线路在此设站，市政道路直通卸货区
- 交通设施立体交织，便捷前往其他酒店或旅游景点
- 周边 5 公里内 30 多家酒店共计 10，000 多间客房
- 大型商业区环绕、科研院所众多

- Formerly the Main Press Center (MPC), International Broadcasting Center (IBC) and venue for fencing and pistol shooting competitions during the Olympic Games in 2008
- Located on a landmark site adjacent to the National Stadium (Bird's Nest) and the National Aquatics Center (Water Cube) on the Olympic Green boulevard
- Only 25 minutes (26km) from the Beijing Capital International Airport (BCIA)
- An efficient transport system including subway and buses links the location to hotels and major tourist attractions
- Linked directly to the major road system for freight access
- A range of over 30 three, four and five-star hotels with more than 10,000 hotel rooms within 10 minutes (5km)
- Close proximity to universities, research institutes and commercial districts

功能设置优秀

- 会议、展览、餐饮、酒店等多种功能支持
- 场馆出入口直通市政道路
- 配套酒店分别为四星级和五星级共近 800 间客房
- 写字间面积近 40000 平方米
- 地下停车位 1000 个

INTEGRATED FACILITIES

- Designed for conventions, exhibitions, banqueting, hotels and special events
- Easy road access with independent entrances for concurrent functions
- Over 800 hotel rooms in two four & five-star hotels on-site
- 40,000sq.m adjacent commercial space for offices and commercial space for retail
- Over 1,000 car parking spaces

Conference Dining Room

特色餐饮极致体验

国家会议中心 CHINA NATIONAL CONVENTION CENTER

PROFESSIONAL BANQUETING SERVICES

- 中西式主题宴会 Western and Chinese full gala dinners
- 自助餐 International style buffet
- 鸡尾酒会 Cocktails
- 商务套装盒餐 Coffee and tea break Boxed meals
- 展位外卖 Cafeteria style fast food for cash catering

Conference Accommodation

国家会议中心大酒店 | 国家会议中心大酒店 CHINA NATIONAL CONVENTION CENTER GRAND HOTEL | CNCC GRAND HOTEL

国家会议中心大酒店是接待国家会议中心活动的主酒店，室内外均有连廊直通展厅和各会议室。酒店拥有国际标准豪华配置，无线网络覆盖整个建筑，420 间客房温馨舒适，中法高厨联手，呈献精彩美味。丰富多彩的文娱设施，让每一位下榻者放松身心，享受快乐旅途生活

China National Convention Center (CNCC) Grand Hotel is the main hotel for guests attending activities at the CNCC. There are walkways conveniently connecting the hotel directly with the exhibition halls of the CNCC and the meeting areas within the convention center.

The hotel is equipped to an international and luxurious standard, offering 420 pleasant, comfortable and elegant guest rooms, providing all our guests with a relaxed environment. Guests may enjoy the culinary arts at the restaurants or relieve stress after a long day at our health and beauty facilities.

服务周到

- 团队通道，快速办理酒店抵离手续
- 公共区域无线网络全面覆盖
- 旅游、票务一站服务
- 健身娱乐放松旅途身心
- 中小型会议室提供商务便利
- 重要贵宾享受金钥匙贴身管家服务
- 连廊直通国家会议中心会议区和展览区

步行 10–15 分钟可抵达

- 奥林匹克森林公园
- 鸟巢、水立方
- 奥林匹克公园下沉广场
- 中国科学技术馆
- 国家动物博物馆

INTERNATIONAL STANDARD SERVICES

- Group check-in and check-out services
- WLAN internet system covering the entire building
- Travel and Ticketing services
- Relieve your stress after a long day at the Fitness Center
- Function spaces for congress support meetings and events
- Professional butler service for VIP guests
- Walkway connecting to the CNCC convention and exhibition centers

SIGHTSEEING SPOTS 10-15 MINUTES' WALK

- Olympic Green Forest Park
- National Stadium (Bird's Nest), National Aquatics Center (Water Cube)
- Sunken Plaza of Olympic Green
- China Science & Technology Museum
- National Zoological Museum

Simple History of Beijing

Beijing is the capital of the People's Republic of China. It is the country's political, cultural, international communication, and scientific the technological innovation centre.

With a long history and splendid culture, Beijing is:
one of China's first famous historical and cultural cities,
one of the country's four great ancient capitals, and the city that houses the most world cultural heritage in the world,
one of the cradlelands of mankind, and one of the hometowns of the Chinese nation,
one of the world's oldest historical and cultural cities.

More than 700,000 years ago, "Peking Man" lived in the caves of the Longgu (Dragon Bone) Hill in today's Zhoukoudian Town of Beijing's Fangshan District. This indicated the beginning of Beijing's civilisation.

In 1045 BC, Beijing became the capital of the State of Yan during the Western Zhou Dynasty (11th century—771 BC), marking the beginning of its history as a city.

In 1153, it became central capital of the Jin Dynasty (1115—1234). The city thus became a national political centre, commencing its history as a national capital.

The capital of Yuan Dynasty(1271—1368)

The capital of Ming Dynasty(1368—1644)

The capital of Qing Dynasty (1644—1911)

In 1949, the People's Republic of China was founded, and Beijing was proclaimed as its capital.

Beijing Cultures

Beijing Opera

Beijing Traditional Courtyard

Lao She Teahouse

Royal buildings, Hutongs, Temples, Central Axis of Beijing, etc!

Beijing Cates

Beijing Roast Duck

Baked Wheaten Cake

Pear Soup

Noodles with Soy Bean Paste

Qingfeng Steamed Stuffed Bun

Sugar-coated Haws on a Stick

Excursions & sight-seeing

- Having served as the capital of China for many centuries, Beijing possesses a wealth of cultural and historic sites for participants to visit.
- These include the Grand Temple of Heaven, the Forbidden City, Lama Temple and the Summer and Winter Palaces. The Great Wall is also reachable for day trips.
- The CNCC is also very close to the `Bird's Nest' Stadium, the `Water Cube' Aquatic Center and the scenic Olympic Forest Park.

Excursions & sight-seeing

The Forbidden City

Scientific Topics

- Supersymmetry: Models, Phenomenology and Experimental Results;
- Theories of SUSY, grand unification, and extra dimensions;
- Searches for BSM physics at the LHC and future colliders;
- Precision electroweak, top quark, and Higgs physics;
- Flavor physics and CP-violation;
- Neutrino physics and leptons;
- Early universe cosmology;
- Dark matter and astroparticle physics;
- Gravitational waves as probes for new physics;
- Theories of new strong dynamics;
- New developments in string theory;
- New developments in Quantum Field Theory;
- New tools in new physics searches.

The Main Host Institution

Institute of Theoretical Physics, Chinese Academy of Sciences (CAS)

- A major research center of theoretical fundamental physics in the Chinese Academy of Sciences, found in 1978.
- Focus on, but not limited to, high energy physics, cosmology, condensed matter theory, etc.
- Has successfully hosted the first Kavli institute in China and more recently the Peng Huan-Wu Innovation Research Center for Theoretical Physics (PCTP), providing accommodation and rich research opportunities for colleagues and collaborators.
- Located in the Zhongguancun area, Beijing's hub of technology, education and productivity. The ITP closely collaborates with many academic institutes in both education and broad scientific field of interests.
- More than 500 international and domestic scientists visit the ITP for collaboration or exchanges each year.

The Program Committee

Tianjun Li (Chair) (Institute of Theoretical Physics, CAS),
Tao Han (Co-chair) (University of Pittsburgh),
Yang Bai (University of Wisconsin-Madison),
Chun Liu (Institute of Theoretical Physics, CAS),
Gary Shiu (University of Wisconsin-Madison),
David Shih (Rutgers, The State University of NJ),
Shufang Su (University of Arizona),
Lian-Tao Wang (University of Chicago),
Tsutomu Yanagida (Shanghai Jiao Tong University),
Jin-Min Yang (Institute of Theoretical Physics, CAS)

Local Co-Organizers

Tianjun Li (Chair) (Institute of Theoretical Physics, CAS),
Jin-Min Yang (Co-chair) (Institute of Theoretical Physics, CAS),
Xiao-Jun Bi (Institute of High Energy Physics, CAS),
Lorenzo Calibbi (Institute of Theoretical Physics, CAS),
Jun-Jie Cao (Henan Normal University),
Qing-Hong Cao (Peking University),
Wei Chao (Beijing Normal University),
Bin Chen (Peking University),
Shao-Long Chen (Central China Normal University),
Yeuk-Kwan Edna Cheung (Nanjing University),
Bo Feng (Zhejiang University),
Tai-Fu Feng (Hebei University),
Yu Gao (Institute of High Energy Physics, CAS),
Yun-Gui Gong (Huazhong University of Science and Technology)
Hong-Jian He (Shanghai Jiao Tong University),
Zhaofeng Kang (Huazhong University of Science and Technology),
Jinmian Li (Sichuan University),
Ying Li (Yantai University),
Wei Liao (East China University of Science and Technology),
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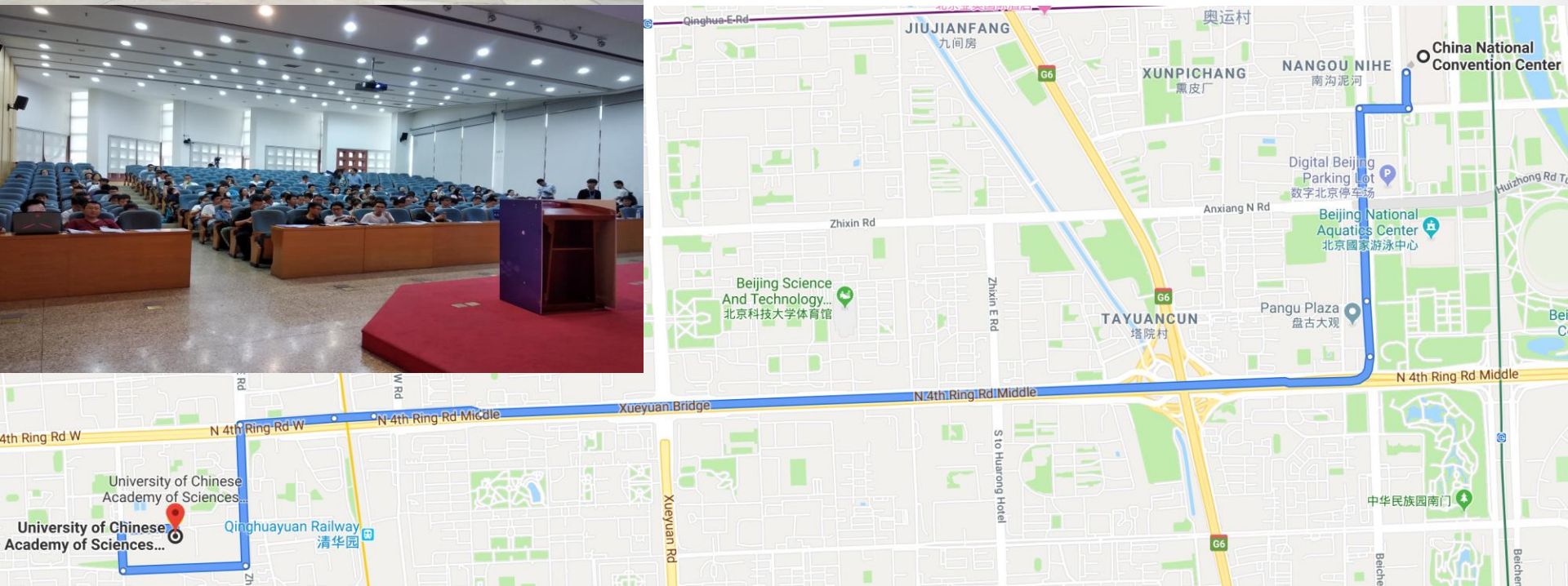
Yu-Feng Zhou (Institute of Theoretical Physics, CAS),
Bin Zhu (Yantai University),
Jing-Ya Zhu (Wuhan University),
Shou-Hua Zhu (Peking University),
Xuai Zhuang (Institute of High Energy Physics)

Pre-SUSY @ UCAS Campus

- Will be held the week prior to SUSY 2020 at the Zhongguancun campus of the University of the Chinese Academy of Sciences (UCAS).

- 8 km from the CNCC, close to the ITP-CAS, and accommodation available nearby.



Looking Forward to Seeing You in Beijing!