

About Hangzhou

关于杭州

杭州是中国最重要的旅游城市之一，以其自然美景和历史文化遗产而闻名遐迩。作为浙江省的省会，杭州是全省的政治、经济和文化中心，同时也是全球电子商务的核心枢纽。杭州位于中国东南部钱塘江下游，距离上海 180 公里，是长江三角洲地区的核心城市之一。

这座城市因其无与伦比的美丽而备受赞誉。西湖地区至今仍被公认为中国最美丽的景区之一，湖畔园林错落有致、绿树成荫，周边的群山中散落着众多的古刹、宝塔和修道院。当 13 世纪马可·波罗来到杭州时，他盛赞其为“世界上最美丽的城市”。中国民间有一句广为流传的俗语：“上有天堂，下有苏杭。”杭州也因此赢得了“人间天堂”、“文化之邦”、“丝绸之府”、“茶人之都”和“鱼米之乡”的美誉。

Hangzhou is one of China's most important tourist cities, renowned far and wide for its natural beauty and historical and cultural heritage. As the capital of Zhejiang Province, it serves as the province's political, economic, and cultural center, while also functioning as a global hub for e-commerce. Located in southeastern China along the lower reaches of the Qiantang River, Hangzhou lies 180 kilometers from Shanghai and is one of the core cities in the Yangtze River Delta region.

The city is highly acclaimed for its unparalleled beauty. The West Lake area is still widely regarded as one of the most beautiful scenic spots in China, with elegantly arranged lakeside gardens, tree-lined shores, and numerous ancient temples, pagodas, and monasteries scattered throughout the surrounding hills. When Marco Polo visited Hangzhou in the 13th century, he praised it as "the most beautiful city in the world." A well-known Chinese proverb goes, "Above there is heaven, below there are Suzhou and Hangzhou." As a result, Hangzhou has earned the titles of "Earthly Paradise," "Land of Culture," "Home of Silk," "City of Tea," and "Land of Fish and Rice."

CHINA
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2026

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16-18

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2026 QUANTUM TECHNOLOGY FRONTIER SUMMIT

2026 量子科技前沿峰会

2026年10月16-18日 | 中国·杭州

16-18 October 2026



Conference Themes

会议主题

- Content 1: 量子计算与量子模拟
探讨量子算法、硬件平台、纠错方案、模拟应用等，展望实用化量子计算的蓝图。
 - Content 2: 量子网络与量子通信
密钥分发、量子直接通信、量子中继、量子互联网架构与协议，共商构建安全高效量子信息网络。
 - Content 3: 量子传感与量子力学
探索基于量子效应的超高精度传感技术及其在导航、成像、生物医学等领域的颠覆性应用。
 - Content 4: 量子光学与量子信息
研讨量子光源、量子成像、量子态操控、量子信息处理基础理论与实验进展。
 - Content 5: 新型量子材料与器件
关注拓扑材料、超导量子比特、单光子源/探测器等关键量子材料的创新设计与器件制备技术。
 - Special Forum: 青年科学家论坛
特别增设，旨在为全球量子科技领域的青年才俊（青年学者、博士后、博士生）提供展示才华、碰撞思想、建立合作的专属舞台。
- Content 1: Quantum Computing and Quantum Simulation
Exploring quantum algorithms, hardware platforms, error correction schemes, simulation applications, and more, while envisioning the roadmap toward practical quantum computing.
 - Content 2: Quantum Networks and Quantum Communication
Key distribution, quantum direct communication, quantum repeaters, quantum internet architecture and protocols — jointly discussing the construction of secure and efficient quantum information networks.
 - Content 3: Quantum Sensing and Quantum Metrology
Exploring ultra-high-precision sensing technologies based on quantum effects and their disruptive applications in navigation, imaging, biomedicine, and other fields.
 - Content 4: Quantum Optics and Quantum Information
Discussing theoretical foundations and experimental progress in quantum light sources, quantum imaging, quantum state manipulation, and quantum information processing.
 - Content 5: Novel Quantum Materials and Devices
Focusing on innovative design and device fabrication technologies for key quantum materials, including topological materials, superconducting qubits, single-photon sources/detectors, and more.
 - Special Forum: Young Scientists Forum
Specially added to provide a dedicated platform for young talents in the global quantum science and technology community — including early-career researchers, postdoctoral fellows, and doctoral students — to showcase their abilities, exchange ideas, and build collaborations.

Venue and Transportation Information

会场及交通信息

- 会议形式：本次会议仅设线下参会。
- Meeting Format: This conference will be held in-person only. No virtual participation will be available.
- 会议地点：浙江省杭州市萧山区弘慧路399-8号 浙江广电名都大酒店
- Conference Venue: Zhejiang Radio and Television Mingdu Hotel, No. 399-8, Honghui Road, Xiaoshan District, Hangzhou City, Zhejiang Province

交通详情

- 距离杭州萧山国际机场：20.0 公里
- 距离杭州东站：10.6 公里
- 距离杭州西站：40.2 公里
- 距离西湖风景区：约 24 公里
- 备选路线：您亦可选择飞抵上海虹桥国际机场，随后换乘高铁前往杭州东站（车程约 1 小时）。

Venue and Transportation Information

- Distance to Hangzhou Xiaoshan International Airport: 20.0 km
- Distance to Hangzhou East Railway Station: 10.6 km
- Distance to Hangzhou West Railway Station: 40.2 km
- Distance to West Lake Scenic Area: Approx. 24 km
- Alternative Route: You may also choose to fly into Shanghai Hongqiao International Airport and then take a high-speed train to Hangzhou East Railway Station (travel time approx. 1 hour).

Organizing Committee

组织委员会

大会主席：俞大鹏 教授（中国科学院院士）、陆军 教授（中国工程院院士）
常凯 教授（中国科学院院士）、林海青 教授（中国科学院院士）
吴汉明 教授（中国工程院院士）、阿列克谢·卡沃金 教授（阿布里科索夫理论物理中心主任）

联合主办方：浙江大学杭州国际科创中心，浙江大学物理学院，浙江大学集成电路学院

Local Conference Chairs: Prof. Yu Da Peng (Academician of the Chinese Academy of Sciences), Prof. Lu Jun (Academician of the Chinese Academy of Engineering), Prof. Chang Kai (Academician of the Chinese Academy of Sciences), Prof. Lin Haiqing (Academician of the Chinese Academy of Sciences), Prof. Wu Hanming (Academician of the Chinese Academy of Engineering), Prof. Alexey Kavokin (Director of the Abrikosov Center for Theoretical Physics)

Co-Organizers: Zhejiang University Hangzhou International Science and Technology Innovation Center, School of Physics at Zhejiang University, School of Integrated Circuits at Zhejiang University