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Highlight Original Innovation
Innovate Ideas and Thinking
Enhance Open Coordination
Follow Scientific Laws

Embody National Level
Simulate Creative Vitality
Promote Harmonious Symbiosis
Persist in Steady Advances

之江实验室 ZHEJAING LAB 01 之江实验室 ZHEJAING LAB

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实验室简介 OVERVIEW

As a major sci-tech innovation platform launched by Zhejiang Provincial Government and Party Committee to implement General Secretary Xi Jinping's thoughts on technological innovation and the innovation-driven development strategy, Zhejiang Lab takes the initiative to shoulder the responsibilities of Zhejiang Province during the construction of an innovation-oriented country and a science and technology power in the world.

Jointly established by Zhejiang Provincial Government, Zhejiang University and Alibaba Group, guided by national objectives and strategic demands, Zhejiang Lab centers on tackling major scientific missions and building large-scale scientific infrastructure, focusing on network information and artificial intelligence. Zhejiang Lab plans and pushes forward innovations with a global vision, assembles and aggregates high-quality innovation resources from universities and institutes both at home and abroad and central and private enterprises, to build a novel scientific and research institution to pursue breakthroughs, to take the lead and to act as a platform with an ultimate goal of becoming a national laboratory.













Zhejiang Provincial Government Zhejiang University

Alibaba Group

Zhejiang Lab is organized with the structure of "one system, two pivots and multiple points".

One System:/

As a public institution of mixed ownership with the status of an independent legal person, Zhejiang Lab operates as an entity.

Two Pivots:

Supported by Zhejiang University and Alibaba Group, Zhejiang Lab undertakes major frontier basic science researches and investigates key technologies.

Multiple Points:

Zhejiang Lab assembles advantageous scientific and research power in the fields of artificial intelligence and network information both at home and abroad and aggregates innovation resources.





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总体目标 VISION & MISSION

- **⊗** Gather a batch of world's leading research and development teams.
- ⊗ Build a world-class research base of basic sciences.
- **⊘** Obtain significant and common technological results of great impact.
- Support and lead clustering development of innovative industries with world competitiveness.
- \otimes Develop into a national laboratory.

©Complete the construction of the first batch of scientific facilities. ©Witness
talent scale and
agglomeration effect
taking initial
shape.

By 2020, we strive to

Witness systems of technological application and industry cultivation taking initial shape. 之江实验室 ZHEJAING LAB 04

©Obtain leading research results in

By 2025, we strive to

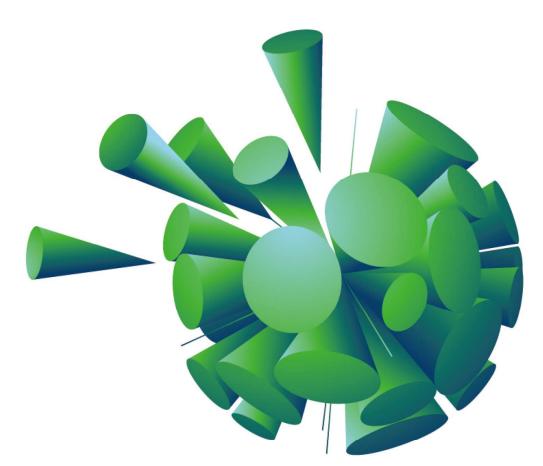
the fields of network information and artificial intelligence.

©Complete the construction of the second batch of scientific facilities.

©Complete
Zhejiang Lab's
second-phase
construction and put
the facilities into
service.

©Witness prominent agglomeration effect of high-end

talents.



主攻方向 RESEARCH AREAS

Focusing on the Two Areas of Network Information and Artificial Intelligence





Major Scientific Facilities and Platforms



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First Batch of Seven Major Projects and One Scientific Facility to be Launched

Intelligent Barrier-free Perception Chips and Systems

Network Security and Industrial Internet

Studies of Next-generation Internet Identifier System

Advanced Artificial Intelligence Algorithm Platform

City Brain

Multi-center Coordination and Intelligent Information Technology Platform of Bio-medicine

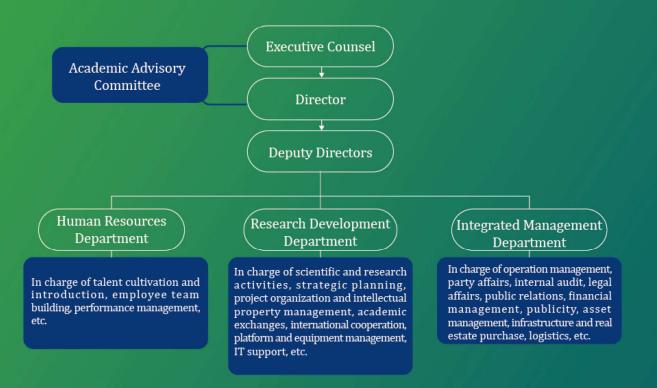
Innovative Researches, Development and Construction of Industrial Brain

Scientific Facilities of Brain Observation and Brain-computer Integration

之江实验室 ZHEJAING LAB CONTROL CO

组织架构 STRUCTURE & ORGANIZATION

Administrative Structure of Zhejiang Lab



Scientific and Research Structure of Zhejiang Lab (Preparatory)



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Executive Counsel

Organization of macro management and leadership, in charge of significant decisions including development strategies, development areas, fund orientations, major projects, management of researchers, etc.



Counsel Director: YUAN Jiajun





Deputy Director of Counsel: FENG Fei

Zhejiang Province)



Counsel: XU Liyi (Mayor of Hangzhou City)

Deputy Director of



Academy of Sciences, President of Zhejiang University)

Deputy Director of Counsel: WU Zhaohui

PAN Yunhe

(Former Executive Vice
President of the Chinese
Academy of Engineering,
Academician of the Chinese

Academy of Engineering)



Deputy Director of Committee: Committee: WU Hequan

(Academician of the Chinese Academy of Engineering)



Deputy Director of Committee: WU Jiangxing

(Academician of the Chinese Academy of Engineering)



Deputy Director of Committee: WU Manging

(Academician of the Chinese Academy of Engineering)

Academic Advisory Committee

Composed of renowned experts from home and abroad. Organization of academic advising and guidance, in charge of providing Counsel with advisory opinions and advice on academic issues relevant to directions of innovative researches, major development areas, major research missions and objectives etc, instructions on and grasp of Zhejiang Lab's research directions, and evaluation of Zhejiang Lab's academic work.



Committee Director: LU Yongxiang

(Former Vice Chairperson of the NPC Standing Committee, Former President of the Chinese Academy of Sciences, Academician of the Chinese Academy of Sciences and the Chinese Academy of Engineering)

List of Zhejiang Lab's (First) Academic Advisory Committee Members

(In Alphabetical Order)



CHEN Chun Academician of the Chinese Academy of Engineering



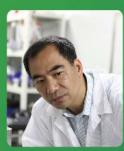
CHEN Jie
Academician of the
Chinese Academy of
Engineering



CAO Jian'nong IEEE Fellow



GU JianjunFellow of the Canadian
Academy of
Engineering



GONG Qihuang Academician of the Chinese Academy of Sciences



GAO Wen
Academician of the
Chinese Academy of
Engineering



HUA Xiansheng From Alibaba Group, IEEE Fellow



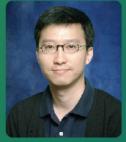
HE You Academician of the Chinese Academy of Engineering



LU Jianhua Academician of the Chinese Academy of Sciences



LI Peigen Academician of the Chinese Academy of Engineering



LV Zicheng IEEE Fellow, ACM Fellow



Paolo Dario



Raj Reddy
Professor of Carnegie
Mellon University,
Winner of the Turing
Award



ZHEJAING LAB

REN Kui IEEE Fellow



SHEN Xuemin
Fellow of the Canadian
Academy of
Engineering



SONG Yonghua

Fellow of the Royal Academy
of Engineering (UK), Rector
of the University of Macau



SUN Youxian

Academician of the
Chinese Academy of
Engineering



WANG Shafei
Academician of the
Chinese Academy of
Engineering



WU Zhaohui

President of Zhejiang
University, Academician of the
Chinese Academy of Sciences



XU Yangsheng
Academician of the
Chinese Academy of
Engineering



YANG Huayong
Academician of the
Chinese Academy of
Engineering



YU Quan

Academician of the
Chinese Academy of
Engineering



ZHANG Jianwei Member of the Academy of Sciences and Humanties in Hamburg



ZHANG Xiaodong

IEEE Fellow,

ACM Fellow



ZHAO Wei



JIN Shangzhong

Top Expert of Zhejiang

Province



LI Lihua

Awardee of the National
Science Fund for
Distinguished Young
Scholars



YU Li Awardee of the National Science Fund for Distinguished Young Scholars

之江实验室 ZHEJAING LAB

Leaders of Zhejiang Lab

Director of Zhejiang Lab is the legal representative of Zhejiang Lab, in charge of various management work of the lab. Deputy directors of Zhejiang Lab assist the Director in daily routine, in charge of management of research section and functional section severally.



Director of Zhejiang Lab: ZHU Shiqiang

(Vice Secretary of the Party Committee of Zhejiang University, Expert at Intelligent Robots)



Deputy Director of Zhejiang Lab: YUAN Jixin



Deputy Director of Zhejiang Lab: SHI Yaoyun

(Chief Scientist of Quantum Technologies, Aliyun, Alibaba Group)

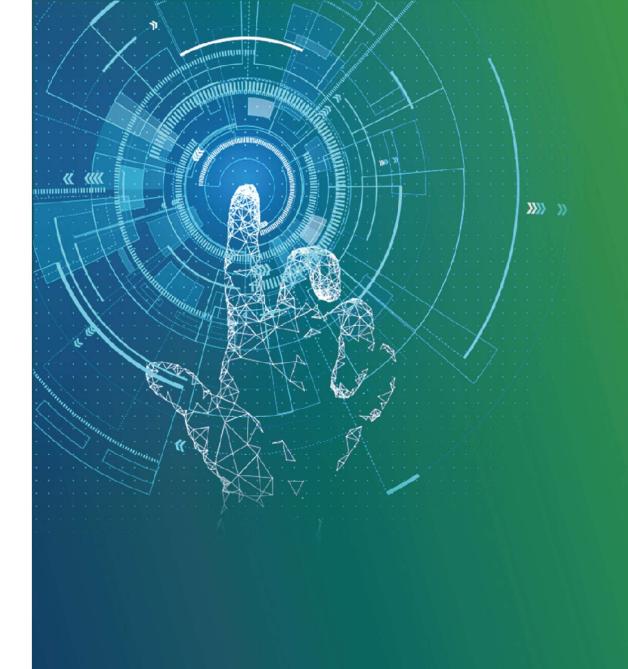






主要任务 PRIMARY MISSIONS

Researches on Major Forefront Basic Sciences and Technological Breakthroughs Construction of Major Scientific Facilities and Research Platforms Domestic and Overseas Scientific Cooperation and 3 Exchanges Cultivation of High-level Scientific and Research Talents Taking on China's Strategic Technological 5 Innovation Projects on Network Information Transfer and Transformation of Scientific Research Results and Industrialization



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园区建设 CAMPUS CONSTRUCTION



Selected site of Zhejiang Lab's new campus is located in Zhejiang Hangzhou Future Sci-tech City with a total planned area of $2\ km^2$.

