BCI SOCIETY | CHEN INSTITUTE

脑机接口（BCI）协会 | 天桥脑科学研究院

JOINT BCI MEETING
脑机接口联合会议

December 6-7, 2024, Shanghai, China
2024年12月6-7日，中国上海

Pullman Shanghai Central
上海中港汇铂尔曼大酒店

15 Dapu Road, Huangpu District, 200023
中国上海黄浦区打浦路15号

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主办 Organizers

CHEN INSTITUTE TIANQIAO & CHRISSY

BCI SOCIETY

特别支持 Support

HUASHAN HOSPITAL FUDAN UNIVERSITY 華山醫院 1907

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Welcome from the Chen Institute
天桥脑科学研究院寄语

Dear Friends,
亲爱的朋友们：

We would like to extend a warm welcome and thank you for joining us at the inaugural “BCI Society – Chen Institute Joint BCI Meeting.” We are delighted to partner with the BCI Society, a true leader in the field, to bring this meeting to Asia.

Brain Computer Interface technology is one of the reasons we decided to create the Chen Institute and focus on neurosci ence. While living in Singapore, we read an article about Richard Andersen, a BCI expert at Caltech, and his work enabling a paralyzed man to move a robotic arm using his thoughts. Intrigued, Tianqiao visited Richard Andersen during a trip to the US, and we were both surprised and excited about the relatively short timeframe for BCIs to enter the mainstream.

Since establishing the Chen Institute in late 2016, we have built an ecosystem of programs, partnerships, and initiatives that support not only the people working in neuroscience and related fields but also the development of technology related to the brain and mind. Artificial intelligence, with its ability to accelerate the pace of scientific research, has become a primary focus for us. We have a large internal team of AI scientists, training programs to help early- career neuroscientists develop the skills they need to work effectively with AI, data collection and sharing initiatives, and most recently, we announced the “Chen Institute and Science Prize for Accelerated Research,” a partnership with Science Magazine.

Whatever your particular focus is within the BCI field, we hope that over the next couple of days, you will learn from our expert presenters, meet others working in academia and industry, and share your knowledge and experience to spark new ideas and collaborations.

Best Wishes.

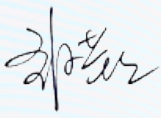
我们怀着无比的热情与感激之情，诚挚欢迎并深切感谢每一位莅临首届“BCI 协会 - 天桥脑科学研究院脑机接口联合会议”的嘉宾。能与 BCI 协会——这一领域的真正领航者携手合作，并在亚洲这片充满活力的土地上举办此次盛会，我们深感荣幸与喜悦。

脑机接口技术正是激发我们创立天桥脑科学研究院并专注于神经科学领域的核心动因之一。在新加坡居住的日子里，我们偶然读到了一篇关于加州理工学院 BCI 领域的杰出专家理查德・安德森（Richard Andersen）教授的报道，他的一项革命性研究竟然成功帮助一位瘫痪者仅凭意念就能操控机械臂的移动。这份报道深深吸引了我们的注意。随后，在一次赴美之旅中，天桥有幸亲自拜访了理查德・安德森教授。那次会面让我们大为震惊且兴奋不已，因为 BCI 技术在如此短的时间内就已经迅速跻身主流科学研究的行列。

自 2016 年底天桥脑科学研究院成立以来，我们精心构建了一个涵盖创新项目、紧密合作伙伴关系及共享倡议的多元化生态系统。这一系统不仅为神经科学及其相关领域的探索者提供了坚实的支撑，也极大地推动了大脑与心智相关技术的蓬勃发展。其中，人工智能凭借其驱动科学研究进程的非凡能力，成为了我们关注的重点。我们内部拥有一支实力雄厚的人工智能科学家团队，并推出了一系列培训计划，旨在助力处于职业生涯早期的神经科学家们掌握有效利用人工智能技术的必备技能。此外，我们还发起了数据收集与共享倡议，并在最近宣布与《科学》杂志携手设立“天桥脑科学研究院 & 科学杂志 AI 驱动科学大奖”，旨在表彰并激励该领域的杰出贡献者。

不论您在脑机接口领域有何独特兴趣与关注，我们都满怀期待，希望在这接下来的几天里，您能从我们精心邀请的专家演讲者那里汲取宝贵的知识与洞见，与来自学术界和产业界的同仁们建立联系，同时分享您的专业知识与实践经验。我们相信，通过这样的交流互动，定能激发新的创意火花，促进更深层次的合作与发展。

致以美好的祝愿！



Tianqiao Chen
陈天桥

Founder
创始人

Chrissy Luo
雒芊芊

Founder
创始人

Welcome from the BCI Society
脑机接口（BCI）协会寄语

Dear BCI Friends and Colleagues,
亲爱的BCI朋友们、同事们：

A very warm welcome to the first BCI Society – Chen Institute Joint BCI Meeting! This gathering marks the culmination of nearly 1.5 years of discussions and dedicated efforts of two leading organizations, namely the Tianqiao and Chrissy Chen Institute (Chen Institute) and the International BCI Society. The Chen Institute, founded by Tianqiao Chen and Chrissy Luo, is dedicated to advancing brain research by focusing on three aspects: brain discovery, brain treatment and brain development. The International BCI Society is a member-driven organization that aims to promote research leading to technologies that enable people to interact with the world through brain signals.

Both organizations recognize the importance of fostering collaboration, communication, shared learning, and education and mentoring of young researchers, and have active programs in place to accomplish these goals. At the same time, it is clear that interaction between the, largely European and North-American, BCI Society membership and the BCI community in Asia historically has been limited. To bridge this gap, the organizations have now joined forces in a pioneering collaboration, with the goal to unite both BCI communities and promote interactions among BCI researchers and developers worldwide. I am very excited about this tangible step towards building a truly global BCI community!

The Scientific Program Committee of this first BCI Society – Chen Institute Joint BCI Meeting has put together an attractive program that reflects the significant BCI research progress that has been made across the globe in recent years. Ten plenary lectures will showcase leading international scientists with highly diverse geographical and disciplinary backgrounds, who will explore the latest advancements, challenges and trends in the BCI field. In addition, attendees will have ample opportunities for networking during coffee breaks, lunches, and a welcome reception—creating a fertile ground for informal conversations and future collaborations.

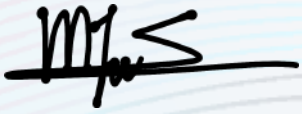
I would like to express my gratitude to the representatives of the Chen Institute and the BCI Society for their dedication and effort in making this event possible. I hope this meeting will act as a driving force for progress in the BCI field by creating a vibrant space for sharing knowledge, sparking new ideas, and building enduring collaborations. Enjoy the meeting!

让我们以最诚挚的热情，迎接首届 BCI 协会与天桥脑科学研究院脑机接口联合会议的每一位尊贵的参会者！此次盛会，不仅是两大前沿机构——即由陈天桥先生与雒芊芊女士共同创立的天桥脑科学研究院，以及国际 BCI 协会，在过去一年半时间里深度交流与不懈奋斗的璀璨结晶，更是双方合作历程中的一个辉煌顶点。天桥脑科学研究院，专注于推动脑科学领域的边界，其研究范畴广泛覆盖大脑探知、大脑相关疾病治疗、大脑强化的前沿探索，旨在全方位加速脑科学的进步。而国际 BCI 协会，作为一个由成员引领的先锋组织，其核心使命在于促进并催化相关科研活动，以期开发出能够让人们凭借脑信号与外界实现直接沟通互动的革命性技术。

这两家组织均认识到了促进协作、交流、分享式学习以及教育和指导青年科研人员的重要性，并制定了切实可行的策略来践行这些理念。与此同时，一个不容忽视的事实是，长期以来，欧洲与北美地区的 BCI 协会成员与亚洲 BCI 社群之间的互动交流相对有限。为了跨越这一地理与文化的鸿沟，现在，这两家重量级组织携手开启了具有开创意义的合作篇章，致力于团结全球 BCI 社群，加强世界各地 BCI 研究人员与开发者之间的联系。对于这一朝着构建真正意义上全球 BCI 社区迈出的坚实步伐，我深感振奋与期待！

首届 BCI 协会与天桥脑科学研究院脑机接口联合会议科学项目委员会精心策划了一系列引人入胜的项目，生动展现了近年来全球 BCI 研究领域取得的突破性进展。十场全体大会演讲，将汇聚来自全球各地、拥有多元化地域背景和学科专长的顶尖科学家，他们将围绕 BCI 领域的最新研究成果、面临的挑战及未来发展趋势展开深入探讨。此外，会议还特别安排了丰富的茶歇、午餐以及欢迎招待会，为与会者提供了充裕的交流机会，这些轻松愉悦的氛围将成为孕育非正式会谈与未来合作契机的肥沃土壤。

感谢天桥脑科学研究院和 BCI 协会的代表们为使这次活动成为可能所做的奉献和努力。希望本次会议能创造了一个充满活力的知识分享空间来激发新的想法并建立持久的合作关系，从而成为在 BCI 领域取得进步的推动力 量。愿各位参会愉快！



Mariska Vansteensel President, BCI Society
BCI协会主席

Organizers
主办单位

CHEN TIANQIAO & CHRISSY INSTITUTE

The Tianqiao and Chrissy Chen Institute was created in 2016 by Tianqiao Chen and his wife Chrissy Luo with a commitment to help advance brain science. The organization’ s vision is to improve the human experience by understanding how our brains perceive, learn, and interact with the world.

Chen Institute created the Tianqiao and Chrissy Chen Institute for Neuroscience at Caltech in 2016 and the Tianqiao Chen Institute for Translational Research, a partnership with the Shanghai Zhou Liangfu Medical Development Foundation, Huashan Hospital and Shanghai Mental Health Center in 2017. In 2020, Chen Institute opened the Chen Frontier Lab for Applied Neurotechnology and in 2021 the Chen Frontier Lab for AI and Mental Health opened. In early 2023, Chen Institute launched the Chen Scholars program which supports early- to mid-career physician scientists. The Institute has a strong focus on artificial intelligence due to its ability to accelerate the pace of scientific research.

天桥脑科学研究院（Chen Institute）由陈天桥先生和他的妻子雒芊芊女士于 2016 年创建，致力于协助推进脑科学这一事业。该组织的愿景是通过了解我们大脑如何感知、学习以及与外界互动来改善人类体验。

天桥脑科学研究院于 2016 年创建了加州理工天桥神经科学研究院，并于 2017 年与上海周良辅医学发展基金会、华山医院和上海市精神卫生中心合作创建了天桥脑科学研究院转化中心。2020 年，天桥脑科学研究院开设了应用神经技术前沿实验室，2021 年开设了人工智能与精神健康前沿实验室。2023 年初，天桥脑科学研究院推出了陈氏学者计划，为处于职业生涯早期至中期的医生科学家们提供支持。一直以来，该研究院对人工智能保持着高度的关注，坚信 AI 技术拥有加速科学研究进程的巨大潜力。

The Brain-Computer Interface Society (BCI Society) is a member driven organization representing the broad range of disciplines essential to BCI research and development. Its purpose is to foster research leading to technologies that enable people to interact with the world through brain signals

As the most influential academic organization in the BCI field, the BCI Society hosts the International BCI Meeting, a benchmark conference since its inaugural event in New York in 1999. The most recent 10th International BCI Meeting, held in Brussels in 2023, attracted nearly 500 scientists from 237 laboratories across 39 countries. The next edition will take place in Banff, Canada, from June 2–5, 2025.

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How to get involved?

We encourage everyone passionate about advancing BCI research to actively engage with the Society. Here’s how you can get involved:

Membership

Membership is open to all scientists, principal investigators, post docs, and students from around the world. We welcome all involved in BCIs, including engineers, clinicians, therapists and business professionals. Membership fees are adjusted based on the World Bank income classification for countries, ensuring inclusivity. Reduced rates are offered for members from low, lower-middle, and upper-middle income countries.

Join a committee

Take an active role in shaping the Society by serving on committees such as Awards, Communications, Membership, Postdoc & Student, and Standards. If interested, please reach out to the respective committee.

Present or attend the 11th International BCI Meeting

Submit an abstract for oral or poster presentations by January 16, 2025. Trainee travel awards and scholarships are available, including support for those facing financial hardship, from underrepresented backgrounds, or with family/childcare expenses.

We strongly encourage participation from all geographic regions and backgrounds. The BCI Society values diversity and inclusion, welcoming applications from individuals of all career stages and from underrepresented groups. We strive to foster a global and inclusive community within the BCI field.

New to BCI and want to learn more?

BCI Thursdays Online Events

Join our free monthly virtual series, BCI Thursdays, featuring expert talks, career panels, and trainee spotlights. Past event recordings are available on our website.

BCI Meeting Lectures

Watch plenary sessions by experts like Edward Chang (University of California, San Francisco), Andrea Kübler (University of Würzburg), Thomas Oxley (Synchron), Camille Jeunet (Université Bordeaux), Frank Willett (Stanford University) and Jonathan Wolpaw (National Center for Adaptive Neurotechnologies).

BCI 协会是一个会员制组织，集结了与脑机接口科研与开发息息相关的诸多学科人才。其目的是促进研究，从而开发出能让人们通过大脑信号与世界互动的技术。

BCI 协会是全球最具影响力的脑机接口学术机构，其旗舰活动国际脑机接口会议（International BCI Meeting）自 1999 年在美国纽约首次举办以来，已成为该领域的标杆性学术会议。2023 年第 10 届会议在比利时布鲁塞尔举办，吸引了来自全球 39 个国家和地区的 237 所实验室的近 500 位科学家。下一届国际 BCI 会议将于 2025 年 6 月 2 日至 5 日在加拿大班夫地区举行。

参与方式

我们鼓励热心关注于推进 BCI 研究的每一个人主动加入该协会。您可以通过以下方式参与其中：

成为会员

会员资格向全球范围内的科学家、核心研究人员、博士后学者及相关领域的学生全面开放。无论您是工程师、临床医生、治疗师还是商业领域的专业人士，只要您对 BCI 领域充满热情，我们都热忱欢迎您的加入。为了彰显我们的包容性，会员费标准依据世界银行对各国的收入分类进行了细致的调整：来自低收入、中低收入以及中上收入国家的会员，均可享受特别优惠的会员价格。

加入委员会

您可以通过在奖项委员会、传播委员会、成员委员会、博士后及学生委员会，以及技术标准委员会等多个委员会中担任职务，从而在塑造和推动协会的发展中发挥个人的积极作用。如有兴趣，请与相应委员会联系。

出席或参加第十一届国际 BCI 会议

请于 2025 年 1 月 16 日之前提交您用于口头报告或海报展示的摘要。本次会议特别提供了受训学员旅行奖励及奖学金项目，为经济困难、少数群体背景或肩负家庭 / 子女抚养责任的人员提供宝贵的支持机会。

我们诚挚地邀请来自不同地理区域、拥有多元背景的个人积极参与。BCI 协会高度重视多样性和包容性，特别鼓励处于各个职业阶段的个人以及代表性不足的群体提交申请。我们将竭力在 BCI 领域营造一个全球化的、充满包容性的社区。

如果你是 BCI 领域新人，希望获取更多信息——

BCI 星期四线上活动

加入我们的每月免费线上系列活动——“BCI 星期四”，活动包括专家讲座，职业小组研讨和学员风采展示 。过往活动视频可在我们的网站上获取。

BCI 会议式讲座

在线观看 Edward Chang（加州大学旧金山分校）、Andrea Kübler（维尔茨堡大学）、Thomas Oxley（Synchron 公司）、Camille Jeunet（波尔多大学）、Frank Willett（斯坦福大学）和 Jonathan Wolpaw（国家适应性神经技术中心）等专家的全体会议讲座。

Support
特别支持单位

Founded in 1907, Huashan Hospital Fudan University, formerly known as the Chinese Red Cross General Hospital and medical school, was the first hospital in Shanghai opened by the Chinese owner and trained the earliest generation of modern medical talents for China. In 1992, Huashan Hospital was accredited as a "Triple-A Tertiary Care Hospital" at the first round of nationwide hospital evaluation. It is a general teaching hospital affiliated to Fudan University under the direct leadership of National Health Commission, and is the only hospital named by the Red Cross Society of China, as well as one of the prestigious and international academic medical centers in China. Huashan Hospital has built a medical network consisting of one main central campus surrounded by 3 facilities in Pudong, Baoshan and Hongqiao of Shanghai. It has a total bed capacity of 3,142 and 450 beds for research and 42 clinical and auxiliary departments.

The hospital boasts the National Medical Center for Neurological Diseases, the National Medical Center for Infectious Diseases and the National Clinical Research Center for Geriatrics, as well as the National Quality Control Center for Dermatology and Venereology. Huashan boasts 20 MOH key clinical specialty programs, including Orthopedics, Nursing, Laboratory Medicine, Endocrinology, Neurosurgery, Hand Surgery, Integrative Traditional Chinese Medicine(Pulmonology), Neurology, Dermatology, Urology, Nephrology, General Surgery, Gastroenterology, Oncology, Infectious Diseases, Rehabilitation, Sports Medicine, Radiology, and Key Research Laboratories for Hand Surgery and Antibiotics. Huashan has 10 National Leading Key Specialties of the Ministry of Education, 2 national key laboratories, 3 Shanghai key laboratories, 2 municipal clinical research centers, 6 municipal engineering technology centers, 4 Focused Clinical Medical Centers in Shanghai, and 1 Peak Clinical Specialty in Shanghai. Hospital has 5 clinical specialties ranked in the top three, and 9 clinical specialties ranked in the top ten in China.

Over recent years, the hospital has had an average annual total of more than 6 million outpatient and emergency visits, approximately 200,000 discharges and perform over 100,000 surgical procedures . It is the earliest Sino-foreign joint medical organization in China, and the designated healthcare provider for 10 consulates in Shanghai, and has provided medical services for over 600 thousand foreign patients from more than 100 countries and regions in total. The hospital has been designated to provide medical backup for a serious of important public events, such as the China International Import Expo, Shanghai EXPO, Olympic Games, APEC Conference, Interaction and Confidence-Building Measures in Asia, as well as the Summit Meeting of the Shanghai Cooperation Organization. Huashan has also successfully provided medical backups for foreign dignitaries when visiting Shanghai and many international sports events, which was highly valued.

Huashan Hospital boasts strong medical technology and numerous famous experts. The hospital has 5,000 staff, and over 80% are professionals, including over 700 professors and associate professors, 4 academicians, 10 Cheung Kong Scholars, 9 Young Cheung Kong Scholars, 17 National Outstanding Young Scientists, 22 Lifetime Professors, about 40 Chairs/Vice Chairs of National Professional Societies and over 60 Chairs/Vice Chairs of Shanghai Professional Societies.

复旦大学附属华山医院创建于 1907 年，前身为中国人自办的中国红十字会总医院暨医学堂，是上海第一家由中国人自己开办的医院，为中国培养了最早一批现代医学人才。1992 年，医院首批通过国家三级甲等医院评审，是国家卫生健康委属（管）医院、复旦大学附属医院和中国红十字会冠名医院，也是国内最著名、最具国际化特色的医教研中心之一。目前核定床位 3142 张、研究型床位 450 张，临床医技科室 42 个。现有总院、浦东、虹桥、宝山等多个院区。

医院拥有国家神经疾病医学中心、国家传染病医学中心和国家老年疾病临床医学研究中心，同时也是国家皮肤和性传播疾病专业质控中心（筹）。有卫生部国家临床重点专科 20 个：骨科、护理专科、检验科、内分泌科、神经外科、手外科、神经内科、中医专业（肺病）、皮肤科、泌尿外科、肾病科、外科、消化科、肿瘤科、感染科、康复医学科、运动医学科、医学影像科、重点实验室（手外科）、重点实验室（抗生素）。教育部国家重点学科 10 个国家重点实验室 2 个、上海市重点实验室 3 个、市临床医学研究中心 2 个、市工程技术中心 6 个、市“重中之重”临床医学中心 4 个、市“重中之重”临床重点学科 1 个。在专科声誉排行榜中，医院有 5 个学科位于全国前三名，另有 9 个学科位于前十。

医院近年年均总门急诊量逾 600 万人次，出院病人近 20 万人次，手术 10 万余人。同时作为上海首家提供涉外医疗服务的单位，为 10 国领事馆指定医疗机构，累计服务全球 100 多个国家和地区的外籍病人超过 60 万人次。在进博会、世博会、奥运会、APEC 会议、亚信峰会、上海合作组织峰会以及各国政要访华等重要外事活动和国际赛事中，承担医疗保障任务，获得了高度肯定与赞扬。

医院技术力量雄厚，著名专家云集。现有职工近 5000 余人，医疗专业技术人员占 80% 以上，其中高级职称专家近 700 人。建院至今共有院士 4 名、国家万人计划 7 名、长江学者 10 名、青年长江学者 9 名、国家杰青 17 名、终身教授 22 名；国家级专业学术委员会主委或副主委近 40 名，上海市级专业学术委员会主委或副主委 60 余名。

Program Committee
项目委员会

Sort alphabetically by surname
根据姓氏首字母排序

Cuntai Guan / 关存太 , Ph.D.
(Program Committee and Moderator / 项目委员会及主持人)

President’ s Chair in Computer Science and Engineering Deputy Dean
College of Computing and Data Science Nanyang Technological University, Singapore
新加坡南洋理工大学计算与数据科学学院副院长
计算机科学与工程系校长讲席教授

Professor Cuntai Guan is a President’ s Chair in Computer Science and Engineering and Deputy Dean of the College of Computing & Data Science at the Nanyang Technological University, Singapore. He is the Director of the Centre for Brain-Computing Research, Director of the Artificial Intelligence Research Institute, Co- Director of S-Lab for Advanced Intelligence, and Co-Director of the Rehabilitation Research Institute of Singapore. His research interests include Brain-Computer Interfaces (BCI), Machine Learning, Neural Signal & Image Processing, and Artificial Intelligence. He is a recipient of several awards owing to his contributions to Brain- Computer Interface research.

关存太教授是新加坡南洋理工大学计算机科学与工程学院的校长讲席教授，计算与数据科学学院副院长，新加坡大脑计算研究中心主任、人工智能研究所所长、先进智能 S 实验室联合主任和康复研究所联合主任。研究方向包括脑机接口、机器学习、神经信号与图像处理以及人工智能。因其在脑机接口研究所做出的贡献，荣获了多个奖项。

Christian Herff, Ph.D.
(Program Committee and Moderator / 项目委员会及主持人)

Assistant professor, Mental Health and Neuroscience Research Institute
Maastricht University, the Netherlands
荷兰马斯特里赫特大学心理健康与神经科学研究所助理教授

Dr. Christian Herff is an assistant professor in the Mental Health and Neuroscience Research Institute at Maastricht University where he leads the Neural Interfacing Lab. His research interest lays in the application of machine learning technology to neurophysiological data for Brain-Computer Interfaces and neuroscience research. With a particular focus on the decoding of speech processes from intracranial data, he tries to improve the lives of severely paralyzed patients while simultaneously improving our understanding of complex higher order cognition. He emphasizes the ability to achieve interpretable results based on computational models. In particular, visualization of complex dynamic models, such as deep neural networks, is of interest to him.

Christian Herff 是马斯特里赫特大学心理健康与神经科学研究所的助理教授，神经接口实验室的负责人。研究方向在于将机器学习技术应用于脑机接口和神经科学的神经生理数据研究，特别关注自颅内数据中解码语音过程，试图改善严重瘫痪患者的生活质量，并提高我们对复杂高阶认知的理解；强调基于计算模型获得可解释结果的能力；尤其感兴趣于复杂动态模型如深度神经网络的可视化。

Dean J. Krusienski, Ph.D.
(Program Committee and Moderator / 项目委员会及主持人)

Department of Biomedical Engineering, Professor and Graduate Program Director
Virginia Commonwealth University, USA
美国弗吉尼亚联邦大学生物医学工程系，教授、研究生项目主任

Dean Krusienski is a Professor and Graduate Program Director of Biomedical Engineering at Virginia Commonwealth University in Richmond, Virginia, where he also directs the Advanced Signal Processing in Engineering and Neuroscience (ASPEN) Laboratory. He has co-authored over 100 peer-reviewed publications related to advancing brain-computer interface and neural signal analysis techniques, which have collectively received over 11,900 citations. His lab’ s work has been funded by NSF, NIH, NASA/NIA and DoD, including current projects on intracranial speech decoding and synthesis; closed-loop DBS; biomarkers of hippocampal and sleep pathologies; user-state estimation; visual, auditory, and memory processing; and virtual reality applications.

Dean Krusienski 是弗吉尼亚联邦大学生物医学工程系的教授兼研究生项目主任，工程学与神经科学高级信号处理（ASPEN）实验室的负责人。合著了 100 多篇与推进脑机接口和神经信号分析技术相关的同行评审出版物，累积引用 11,900 多次。所在实验室的工作得到了美国国家科学基金会（NSF）、美国国立卫生研究院（NIH）、美国国家航空航天局（NASA）/ 美国国家航天研究所（NIA）和美国国防部（DOD）的资助，包括目前进行中的颅内语音解码和合成、闭环深度脑刺激（闭环 DBS）、海马区和睡眠病理学的生物标志物、用户状态估计、视听觉和记忆处理以及虚拟现实应用相关研究。

Yan Li / 李艳 , Ph.D.
(Program Committee and Moderator / 项目委员会及主持人)

Executive Director of Scientific Programs, Chen Institute
天桥脑科学研究院科学计划执行主任

Dr. Yan Li serves as the Executive Director of Scientific Programs at the Tianqiao and Chrissy Chen Institute. She oversees the daily management of the Institute’ s initiatives and fosters strong communications with beneficiary organizations and individuals. In addition to collaborating with cornerstone partners, Yan is spearheading the development of programs that empower researchers at all stages of their careers, advancing the overarching mission of the foundation to drive innovation and discovery.

Dr. Li received her Ph.D. in Neuroscience at the Institute of Neuroscience, Chinese Academy of Sciences at Shanghai. She spent six years as a postdoctoral fellow at Profession Fred H. Gage’ s lab at the Salk Institute and then moved to Stanford where she worked with Professor Thomas Sudhof and Marius Wernig for two years. Prior to joining Chen Institute, Dr. Li worked at a startup company at Menlo Park, California.

李艳博士负责监督研究所项目的日常管理，与受益组织和个人的沟通。除了与重要合作伙伴的合作外，她还率先开发了促进和增强研究人员职业生涯各个阶段的支持项目，推进了基金会创新意识首要使命的发展。

她在上海中国科学院神经科学研究所获得神经科学博士学位。她在 Salk 研究所的 Fred H. Gage 院士实验室里做了六年的博士后研究员，之后搬到了斯坦福大学和 Thomas Sudhof 教授及 Marius Wernig 一起从事了两年研究工作。在加入天桥脑科学研究院之前，李艳博士曾在加利福尼亚州门洛帕克的一家初创公司工作。

Mariska Vansteensel, Ph.D.
(Program Committee and Moderator / 项目委员会及主持人)

Assistant Professor, University Medical Center Utrecht, the Netherlands
President, International BCI Society
荷兰乌得勒支大学医学中心助理教授，国际 BCI 协会会长

Mariska Vansteensel is an Assistant Professor at the UMC Utrecht Brain Center in Utrecht. Her main research goal is to use the wealth of neuroscientific knowledge directly for the benefit of people with disease or disability. The main focus of her research since 2007 has been the development and validation of implantable electrocorticography (ECoG)-based Brain-Computer Interfaces (BCI) for communication in individuals with severe motor and speech impairment. She has conducted research on the proof of concept, working with epilepsy patients who receive ECoG electrodes for diagnostic purposes and on the first worldwide investigation of the use of fully implantable BCIs in settings of daily living of people with severe motor impairment.

Mariska Vansteensel 是乌得勒支大学医学中心助理教授。她主要利用丰富的神经科学知识直接造福于病患和残障人群。自 2007 年以来，她的研究重点是开发和验证基于植入式皮层脑电（ECoG）的脑机接口，用于患有重度运动言语障碍个体的交流。通过与接受 ECoG 电极用于诊断目的的癫痫患者合作，她在全球范围内首次对完全植入式 BCI 在重度运动障碍患者日常生活环境中的使用情况进行了调查，并开展了概念验证的研究。

Theresa M. Vaughan, B.A.
(Program Committee / 项目委员会)

National Center for Adaptive Neurotechnologies Research Scientist
Albany Stratton VA Medical Center, USA
美国奥尔巴尼斯特拉顿退伍军人医疗中心，国家适应性神经技术中心研究科学家

Theresa Vaughan is a research scientist with thirty years of experience in clinical research studies, 25 years focused specifically on brain-computer interfaces (BCIs) as new communication channels for people with severe motor disabilities. Her laboratory supervised the first-ever large-scale trial of independent home use of a BCI by people with amyotrophic lateral sclerosis (ALS). This work has become the foundation of the National Center for Adaptive Neurotechnologies (NCAN) translational service project program. To accomplish this, they have developed and tested hardware; modified the BCI2000 software; developed a range of Windows-based applications; produced training tools for therapists, caregivers, and users; and designed software.

Theresa Vaughan 是一名拥有 30 年的临床研究经验的研究科学家，她专门将脑机接口作为重度运动障碍患者的新沟通渠道加以研究，已有 25 年。她所在的实验室监督了肌萎缩性侧索硬化症（ALS）患者独立家庭使用 BCI 的首次大规模试验。这项工作是国家适应性神经技术中心（NCAN）转化服务项目计划的基础。为了实现此目标，她开发并测试了相关硬件，改良了 BCI2000 软件，开发了一系列基于 Windows 的应用程序，为治疗师、护理人员和使用者制作了培训工具并设计了软件。

Yang Yang / 杨扬
(Program Committee and Moderator / 项目委员会及主持人)

Vice President, Chen Institute (China), Associate Professor
天桥脑科学研究院副院长（中国），副教授

Associate Professor Yang Yang is the Vice President for the Tianqiao and Chrissy Chen Institute for Translational Research in Shanghai, China. In this role, he is responsible for managing the institute’ s daily operations in China, with a primary focus on brain health research.

Early in his career, Yang Yang was a journalist, working first at People’ s Daily and then at Xin Min Evening News as USA Bureau Chief, director of health, science and education news department and management office. Between 2009 and 2017, Yang held a variety of executive positions including managing director of Shanda Capital, senior vice-president of Shanda World Limited and chief executive officer of Shenzhi O2O Entertainment Limited.

杨扬先生是天桥脑科学研究院的副院长（中国），副教授。他负责管理天桥脑科学研究院在中国的日常工作，主要是脑健康研究。

在其职业生涯早期，杨扬先生曾经是一名记者，最初在《人民日报》工作，随后任职于《新民晚报》，并担任美国记者站站长、教育科技卫生新闻部主任、经营管理办公室主任等管理职务。2009 年至 2017 年期间，杨扬先生担任盛大资本董事总经理、盛大天地高级副总裁等高管职位，以及盛大投资的盛致互动文化首席执行官等。

Moderators
主持人

Sort alphabetically by surname
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Hu Tao / 陶虎 , Ph.D. (Moderator/主持人)

Deputy Director, Shanghai Institute of Microssystem Information Technology, Chinese Academy of Sciences
中国科学院上海微系统与信息技术研究所副所长

Hu Tao is a researcher and deputy director at the Shanghai Institute of Microsystem and Information Technology, Chinese Academy of Sciences, and director of the State Key Laboratory of Transducer Technology. He chairs the Brain-Computer Interface and Interaction Branch of the Chinese Society for Neuroscience and oversees the BCI industrial roadmap for the China Association for Science and Technology. He has received numerous awards, including the Shanghai Young Scientists Outstanding Contribution Award (2020), CAS Young Scientist Award (2021), and Best Paper Award at IEEE MEMS 2022. Recognized as a “Highly Cited Chinese Scholar” and among the “Top 2% Scientists in the World,” he is also a celebrated mentor and public science communicator.

陶虎，中国科学院上海微系统与信息技术研究所副所长、传感技术国家重点实验室主任。他是中国神经科学学会脑机接口与交互分会的主席，并监管中国科学技术协会的 BCI 产业路线图。他获得过包括上海青年科学家杰出贡献奖（2020 年）、中国科学院青年科学家奖（2021 年）和 IEEE MEMS 2022 最佳论文奖在内的众多奖项。他被公认为“中国高被引学者”和“全球前 2% 顶尖科学家”之一，也是一位著名的导师和公共科学传播者。

Jianjun Meng / 孟建军 , Ph.D. (Moderator/主持人)

Associate Professor Institute of Robotics, Shanghai Jiao Tong University
上海交通大学机器人研究院副教授

Jianjun Meng is an associate professor at Shanghai Jiao Tong University (SJTU, 2019–present). He earned his Bachelor’s and Ph.D. in Mechanical Engineering at SJTU and conducted postdoctoral research at the University of Minnesota and Carnegie Mellon University (2014–2019). His research focuses on noninvasive brain- computer interface (BCI), neural prosthetics, biomedical signal processing, and neural engineering. He has over 40 SCI-indexed publications in journals like Science Robotics and NeuroImage and co-authored a book chapter in Neural Engineering. A senior IEEE member, he is an associate editor for IEEE biomedical journals. He received China’s Ministry of Education First Prize in Natural Science and is part of the Shanghai Pujiang Talent Program.

孟建军在上海交通大学任副教授一职（2019 年至今）。他在上海交通大学获得了机械工程学士学位和博士学位并在明尼苏达大学和卡耐基梅隆大学进行了博士后研究（2014 年 -2019 年）。他的研究重点是无创脑机接口、神经修复术、生物医学信号处理和神经工程。他在《科学 - 机器人》和《神经影像学》等期刊上发表了 40 多篇 SCI 索引出版物并与人合著了一本书《神经工程》的章节。他是电气与电子工程师协会（IEEE）的高级会员，也是 IEEE 生物医学期刊的副主编。他获得中国教育部自然科学一等奖，并且是上海浦江人才计划的一员。

Agenda
议程

Day 1, Friday, December 6, 2024
第1天, 2024年12月6日, 星期五

08:00 am - 09:00 am	**Registration Opens 注册登记**	
09:00 am - 09:15 am	**Opening Remarks 开场致辞**	
	Yan Li/李艳, Ph.D Chen Institute 天桥脑科学研究院	
	Mariska Vansteensel, Ph.D. BCI Society BCI协会	
	Moderator 主持人	
	Christian Herff, Ph.D. Maastricht University 马斯特里赫特大学	
	Speakers/演讲嘉宾	
09:15 am - 10:00 am	Ying Mao/毛颖, M.D. Huashan Hospital of Fudan University 复旦大学附属华山医院	Clinical Exploration of Brain-Computer Interfaces for Central Nervous System Diseases 中枢神经系统疾病脑机接口的临床探索
10:10 am - 11:10 am	Jocelyne Bloch, M.D. & Grégoire Courtine, Ph.D. Lausanne University Hospital 洛桑大学医院	Reversing Paralysis 治愈瘫痪
11:10 am - 11:30 am	**Coffee Break 茶歇**	
11:30 am - 12:15 pm	Camille Jeunet- Kelway, Ph.D. CNRS 法国国家科学研究中心	Bci-Based Neurofeedback Training Procedures To Restore Or Improve Motor Skills: A User-Centred Approach 用于恢复或改善运动技能的基于BCI的神经反馈训练程序:一种以用户为中心的方法
12:15 pm - 13:30 pm	**Lunch 午餐**	
	Moderator 主持人	
	Dean J. Krusienski, Ph.D. Virginia Commonwealth University 弗吉尼亚联邦大学	
	Speakers/演讲嘉宾	
13:30 pm - 14:15 pm	Bao-Liang Lu/吕宝粮, Ph.D. Shanghai Jiao Tong University 上海交通大学	Affective Brain-Computer Interface And Its Applications 情感脑机接口及其应用
14:25 pm - 15:10 pm	Alexander von Lühmann, Ph.D. Technische Universität Berlin 柏林工业大学	Progress And Challenges In Multimodal Acquisition And Single-Trial Analysis For Brain Imaging In The Everyday World With Wearable Fnirs And Dot 使用可穿戴式Fnirs和Dot进行日常脑成像的多模态采集和单试验分析的进展和挑战
15:10 pm - 15:40 pm	**Coffee Break/茶歇**	
15:40 pm - 16:25 pm	Robert Gaunt, Ph.D. University of Pittsburgh 匹兹堡大学	Bidirectional Brain-Computer Interfaces 双向脑机接口

Agenda
议程

Day 2, Saturday, December 7, 2024
第2天, 2024年12月7日, 星期六

08:00 am - 09:00 am	**Registration Opens 注册登记**	
	Moderator/主持人	
	Jianjun Meng/孟建军, Ph.D. Shanghai Jiao Tong University 上海交通大学	
	Speakers/演讲嘉宾	
09:00 am - 09:45 am	Mu-ming Poo/蒲慕明, Ph.D. Chinese Academy of Sciences 中国科学院	Synaptic Plasticity and Neuromodulation 突触可塑性和神经调节
09:55 am - 10:40 am	Cory Inman, Ph.D the University of Utah 犹他大学	Capturing And Enhancing Episodic Memories Made In The Wild 捕捉和增强野外情景记忆
10:40 am - 11:00 am	**Coffee Break/茶歇**	
11:00 am - 11:45 am	Bo Hong/洪波, Ph.D. Tsinghua University 清华大学	Minimally Invasive Brain Computer Interface: From Bench To Bed 微创脑机接口：从实验室到临床应用
11:45 am - 13:10 pm	**Lunch/午餐**	
	Moderator/主持人	
	Hu Tao/陶虎, Ph.D. Chinese Academy of Sciences 中国科学院	
	Young Scientists Panel/青年科学家专题讨论	
13:10 pm - 13:30 pm	Enming Song/ 宋恩名, Ph.D. University/南洋理工大学	Flexible, Implantable Electronic Systems For Chronic Neural Interfaces 硅基CMOS柔性化集成的高信噪脑电成像与长期稳定神经调控
13:30 pm - 13:50 pm	Minpeng Xu/ 许敏鹏, Ph.D. Tianjin University 天津大学	Development And Challenges Of Non-Invasive Brain- Computer Interface 无创脑机接口发展与挑战
13:50 pm - 14:10 pm	Yuxiao Yang/杨雨潇, Ph.D Zhejiang University 浙江大学	Towards Invasive Brain-Machine Interfaces For Treating Depression 治疗抑郁症的侵入式脑机接口
14:20 pm - 15:05 pm	Natalie Mrachacz- Kersting, Ph.D. Albert-Ludwigs-University Freiburg 弗赖堡大学	Brain-Computer Interfaces Designed For Neurorehabilitation 为神经康复设计的脑机接口
15:05 pm - 15:25 pm	**Coffee Break/茶歇**	
15:25 pm - 16:15 pm	**Panel Discussion/圆桌讨论**	
	Moderator/主持人	
	Cuntai Guan/关存太, Ph.D. Nanyang Technological University 南洋理工大学	
16:25 pm - 16:40 pm	**Closing Remarks/闭幕致辞**	
	Mariska Vansteensel, Ph.D. BCI Society BCI协会	
	Yang Yang/杨扬 Chen Institute 天桥脑科学研究院	
16:40 pm - 17:40 pm	Networking 自由交流	

Speakers
演讲嘉宾

Sort alphabetically by surname
根据姓氏首字母排序

Jocelyne Bloch, M.D.

Neurosurgeon, Lausanne University Hospital
Full Professor at Faculty of Life Science at Ecole Polytechnique Fédérale de Lausanne (EPFL)
Founder and Director of Defitech Center at Defitech Center for Interventional Neurotherapies
Chief Scientific Officer at ONWARD Medical N. V.
洛桑大学医院神经外科医生
洛桑联邦理工学院（EPFL）生命科学系正教授
Defitech 神经介入治疗中心创始人兼主任
ONWARD Medical N. V. 首席科学官

Grégoire Courtine, Ph.D.

Full Professor at Faculty of Life Science at Ecole Polytechnique Fédérale de Lausanne (EPFL)
Adjunct Professor at Neurosurgical Department at University Hospital Lausanne
Founder and Director of Defitech Center at Defitech Center for Interventional Neurotherapies
Chief Scientific Officer at ONWARD Medical N. V.
洛桑联邦理工学院（EPFL）生命科学系正教授
洛桑大学医院神经外科副教授
Defitech 神经介入治疗中心创始人兼主任
ONWARD Medical N. V. 首席科学官

Jocelyne Bloch is a neurosurgeon at the University Hospital Lausanne (CHUV) where she leads the functional neurosurgery unit, while Grégoire Courtine is a neuroscientist with a background in physics. Jocelyne and Grégoire are Professors within the NeuroX institute of the Ecole Polytechnique Fédérale de Lausanne (EPFL), within the neurosurgical department of CHUV, and at the Faculty of Medicine of the University of Lausanne (UNIL). Together, they founded the Defitech Center for Interventional Neurotherapies, named .NeuroRestore, which develop bioengineering strategies involving neurosurgical interventions to restore neurological functions. In 2014, they also co-founded ONWARD Medical (Euronext: ONWD) with the aim to translate the neurotherapies developed at .NeuroRestore into clinical treatments. Jocelyne and Grégoire are known worldwide for the conception of neuroprosthetic implants that restored walking in people with chronic paralysis.

Jocelyne Bloch 是洛桑大学医院（CHUV）神经外科医生，领导功能神经外科工作，而 Grégoire Courtine 是具有物理学背景的神经科学家。Jocelyne 和 Grégoire 是洛桑联邦理工学院（EPFL）NeuroX 研究所、CHUV 神经外科系和洛桑大学医学院的教授。他们共同建立了 Defitech 神经介入治疗中心 NeuroRestore，该中心开发涉及神经外科干预以恢复神经功能的生物工程策略。2014 年，他们还共同创立了 ONWARD Medical（Euronext：ONWD），旨在将 NeuroRestore 开发的神经疗法转化为临床治疗。Jocelyne 和 Grégoire 因构思出神经假体植入物而闻名于世，这种植入物可以恢复慢性瘫痪病人的行走能力。

Robert Gaunt, Ph.D.

Associate Professor and Engineering Director, Rehab Neural Engineering Labs, Department of Physical Medicine and Rehabilitation at the University of Pittsburgh
Associate Professor, Physical Medicine and Rehabilitation, Department of Biomedical Engineering at Carnegie Mellon University
匹兹堡大学物理医学与康复系康复神经工程实验室副教授和工程学主任
卡内基梅隆大学生物医学工程系物理医学与康复副教授

Robert Gaunt is an Associate Professor of Physical Medicine and Rehabilitation at the University of Pittsburgh. He holds a BEng in Mechanical Engineering from the University of Victoria and a PhD in Biomedical Engineering from the University of Alberta. Dr. Gaunt’ s research focuses on neuroprosthetics for sensorimotor control of the hand and bladder, aiming to restore function after injury or disease. His work includes developing brain-computer interfaces to enable movement and sensation for those with upper-limb paralysis and creating neural interfaces to regulate bladder function. Recognized by the National Academy of Engineering, his research has been featured widely in media, and he holds multiple patents.

Robert Gaunt 是匹兹堡大学物理医学与康复副教授。他拥有维多利亚大学机械工程学士学位和阿尔伯塔大学生物医学工程博士学位。Gaunt 博士的研究重点是用于手和膀胱感觉运动控制的神经假体技术，旨在恢复受损或疾病状态下的功能。他的工作包括开发脑机接口以使上肢瘫痪者能够恢复运动和感觉功能，以及发明神经接口来调节膀胱功能。他的研究得到了美国国家工程院的认可，被媒体广泛报道，并且他拥有多项专利。

Bo Hong / 洪波 , Ph.D.

Professor, Department of Biomedical Engineering, Tsinghua University
Dean, Weixian College, Tsinghua University
清华大学生物医学工程学院教授
清华大学为先书院院长

Dr. Bo Hong received his Ph.D. degree of Biomedical Engineering from Tsinghua University in 2001. From 2004 to 2005, he was a visiting scientist in the Department of Biomedical Engineering and the Center for Neural Engineering at Johns Hopkins University, USA. He is now full professor with School of Biomedical Engineering, Tsinghua University, and an investigator of McGovern Institute for Brain Research at Tsinghua. His main research interests are brain computer interface and language network in human brain. His team designed and developed minimally invasive BCI – NEO system and conducted the first-in-human clinical trial successfully in 2023. His development on brain computer interfaces and discovery on human cortical network dynamics has been published on Nature Neuroscience, PNAS, Nature Communications, etc. He has served as the Associate Editor of IEEE Transactions on Biomedical Engineering and IEEE Transactions on Neural Systems and Rehabilitation Engineering.

2001 年于清华大学获得生物医学工程博士学位，2004 年和 2016 年先后在美国约翰霍普金斯大学医学院、MIT 麦戈文脑研究院做访问学者。主要研究方向为脑机接口与神经工程。研究团队设计开发了无线微创植入脑机接口，成功进行三例 GCP 临床试验，验证了安全性和有效性；在解析人脑语音语言处理机制和脑网络动态特性方面取得进展，成果发表于 Nature Communications, Nature Neuroscience, PNAS 等。曾任 IEEE Transactions BME 等国际期刊副主编。

Cory Inman, Ph.D.

Director, Immersive Neuromodulation and Neuroimaging (INMAN) Laboratory in the Psychology Department at the University of Utah
犹他大学心理学系沉浸式神经调节和神经成像（INMAN）实验室主任

Dr. Cory Inman is the director of the Immersive Neuromodulation and Neuroimaging (INMAN) Laboratory in the Psychology Department at the University of Utah. He received his BA in Psychology from Georgia State University and his PhD from Emory University. He completed his first postdoctoral fellowship in the Neurosurgery department at Emory University and a second postdoctoral fellowship at UCLA. He has broad interests in helping to establish approaches that push our understanding of emotion and memory from the laboratory into the wild, real world. The INMAN Lab is currently undertaking studies examining the use of direct brain stimulation to the human amygdala for episodic memory enhancement and direct brain recordings of deep memory structures, like the hippocampus, during navigation and autobiographical memory encoding in real-world settings.

Cory Inman 是犹他大学心理学系沉浸式神经调节和神经成像（INMAN）实验室主任。他在佐治亚州立大学获得心理学学士学位，在埃默里大学获得博士学位，在埃默里大学神经外科完成了第一个博士后项目，并在加州大学洛杉矶分校完成了第二个博士后项目。他热衷于创建相关方法，以推动将对情感和记忆的理解从实验室拓展到现实世界当中。INMAN 实验室目前正在开展多项研究，包括研究利用直接刺激人类杏仁核以增强情景记忆，以及在现实环境中的导航和自传体记忆编码期间直接记录如海马体等深层记忆结构。

Camille Jeunet-Kelway, Ph.D.

INCIA, University of Bordeaux & CNRS, France
CNRS Research Scientist
Deputy head of the SMART platform, University of Bordeaux
法国波尔多大学与法国国家科学研究中心附属认知与综合神经科学研究所
法国国家科学研究中心研究员
波尔多大学 SMART 平台副主任

Camille Jeunet-Kelway received her PhD in cognitive sciences in 2016 at the University of Bordeaux, France. After a post-doctoral fellowship in Inria (Rennes, France) and EPFL (Geneva, Switzerland), she was recruited as a tenured CNRS Research Scientist. In 2021, she has joined the institute for cognitive and integrative neurosciences (INCIA) in Bordeaux, where she leads interdisciplinary research on the use of EEG-BCIs to improve or restore cognitive and motor abilities, both for clinical (stroke patients and patients with Parkinson disease) and non-clinical (athletes) populations. She is particularly interested in studying the learning mechanisms underlying neurofeedback training as well as the acceptability of neurofeedback procedures and BCI technologies. Camille Jeunet-Kelway has received 3 PhD awards, the European Label as well as 5 national fundings from the French research agency for her research. In 2022 she was awarded the Early Career Award in neuroscience from the BCI Society. Since 2024, she is deputy head of the SMART reasearch and innovation plateform, an “intelligent, connected gym”, dedicated to sports and movement sciences.

Camille Jeunet-Kelway 于 2016 年在法国波尔多大学获得认知科学博士学位。在法国国家信息与自动化研究所（位于法国雷恩）和洛桑联邦理工学院（位于瑞士日内瓦）从事博士后研究工作之后，她被聘为法国国家科学研究中心（CNRS）终身研究员。2021 年，她加入了位于波尔多的认知与综合神经科学研究所（INCIA），牵头开展跨学科研究，包括利用脑电 - 脑机接口（EEG-BCIs）来改善或恢复临床状态（中风患者和帕金森病患者）及非临床状态（运动员）人群的认知和运动能力；尤其关注研究神经反馈训练背后的学习机制以及神经反馈程序和脑机接口（BCI）技术的可接受性。Camille Jeunet-Kelway 因其研究已获得 3 项博士奖项、欧洲认证标识以及来自法国研究机构的 5 项国家基金资助。2022 年，她荣获了 BCI 协会颁发的神经科学领域的 Early Career Award。自 2024 年起，她担任 SMART 研究与创新平台的副主任，这是一个致力于体育与运动科学的“智能互联健身房”。

Bao-Liang Lu / 吕宝粮 , Ph.D.

Ph.D., IEEE Fellow, Professor, Executive Dean, Directors
Center for Brain-like Computing and Machine Intelligence
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上海交通大学医学院附属瑞金医院脑机接口与神经调控中心共同主任

Bao-Liang Lu received his PhD in electrical engineering from Kyoto University, Kyoto, Japan, in 1994. Since August 2002, he has been a full professor at the Department of Computer Science and Engineering, Shanghai Jiao Tong University, China. He currently serves as the Director for the Center for Brain-Like Computing and Machine Intelligence, the Key Laboratory of Shanghai Education Commission Intelligent Interaction and Cognitive Engineering, and Ruijin-Mihoyo Laboratory. He received the 2018 IEEE Transactions on Autonomous Mental Development Outstanding Paper Award and the 2021 Best of IEEE Transactions on Affective Computing Paper Collection. He is also the Associate Editor of the IEEE Transactions on Affective Computing and Journal of Neural Engineering and an IEEE Fellow. His research interests include deep learning, large EEG model, emotion artificial intelligence, and affective brain-computer interface.

吕宝粮教授是上海交通大学计算机科学与工程系长聘教授、上海交通大学医学院附属瑞金医院广慈教授、博士生导师、IEEE Fellow。现任上海交通大学智能交互与认知工程上海高校重点实验室主任、上海交通大学清源研究院执行院长、上海交通大学医学院附属瑞金医院脑机接口与神经调控中心共同主任、上海零唯一思科技有限公司创始人兼首席科学家。荣获 2018 IEEE Trans. Autonomous Mental Development 最佳论文奖、2020 年度吴文俊人工智能自然科学一等奖、2021 IEEE Trans. Affective Computing 最佳论文奖、ACM MM 2022 Top Paper 奖和 2022 亚太神经网络学会杰出成就奖，入选爱思唯尔 2020、2021、2022 和 2023 中国高被引学者榜单。主要研究领域包括深度学习、脑电大模型、情感智能和情感脑机接口。

Ying Mao / 毛颖 , M.D.

President of Huashan Hospital and professor at Fudan University
Director of National Center for Neurological Disorders
Director of the Tianqiao and Chrissy Chen Institute for Translational Research
复旦大学附属华山医院院长、教授
国家神经疾病医学中心主任
天桥脑科学研究院转化中心主任

Ying Mao is the director of the National Center for Neurological Disorders, the president of Huashan Hospital of Fudan University, the Changjiang Distinguished Professor of the Ministry of Education of China, and the chairman-designate of the Neurosurgery Section of the Chinese Medical Association. Focusing on the clinical diagnosis and treatment of difficult and complex brain diseases in neurosurgery, he has put forward a new doctrine of pan-functional neurosurgery, which focuses on the protection and remodeling of brain function, in the areas of glioma, complex cerebrovascular disease, and severe disorders of consciousness. He has led the formulation of several national standards and guidelines, published more than 200 SCI papers, and won the National Scientific and Technological Progress Prize, Ministry of Education's Scientific and Technological Progress Prize, and Shanghai's Scientific and Technological Progress Prize.

毛颖教授是国家神经疾病医学中心主任，复旦大学附属华山医院院长，教育部长江特聘教授，国家杰出青年基金获得者，中华医学会神经外科分会候任主任委员。聚焦神经外科疑难复杂脑疾病临床诊治研究，在脑胶质瘤、复杂脑血管病、重症意识障碍等方面，提出更加侧重脑功能保护与重塑的泛功能神经外科新学说。牵头制定多部国家行业标准和指南，先后发表 SCI 论文 200 余篇，获国家科技进步二等奖、教育部科技进步一等奖、上海市科技进步一等奖。

Natalie Mrachacz-Kersting, Ph.D.

Director, Laboratory for Brain-Computer Interfaces and Neurorehabilitation, Albert-Ludwigs-University Freiburg
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《IEEE TNSRE》副主编

Prof. Dr. Natalie Mrachacz-Kersting, a member of IEEE, received her Ph.D. degree in biomedical engineering from Aalborg University in 2005. She currently holds the Chair for Neuroscience and Neuroscience in Sport at the Albert-Ludwigs University of Freiburg and is a member of the BrainLinks-BrainTools Cluster of Excellence at IMBIT, Albert-Ludwigs University of Freiburg. Dr. Mrachacz-Kersting serves on the Executive Committee of the IEEE Engineering in Medicine and Biology Society (EMBS) as the Vice President-elect for Member and Student Activities. She is also the Chair of the IEEE Women in Biomedical Engineering (WI(BM)E), member of the Steering Committee of IEEE Brain Technical Community, and the Deputy Editor-in-Chief of the IEEE Transactions on Neural Systems and Rehabilitation Engineering Journal. She has previously held positions at Aalborg University in Denmark, FH Dortmund in Germany, and the University of Auckland in New Zealand. Dr. Mrachacz-Kersting’ s research focuses on medical technology, biomedical engineering, and neuroscience. She has authored over 80 peer-reviewed journal articles, more than 130 conference papers and abstracts, ten book chapters, and one book. Her current projects primarily involve Brain-Computer Interfaces (BCIs) for patient populations, including those suffering from stroke or ALS. Dr. Mrachacz-Kersting received several awards including the international BCI award in 2017.

Mrachacz-Kersting 是 IEEE 协会会员，她于 2005 年在奥尔堡大学获得生物医学工程博士学位。目前，她在弗莱堡阿尔伯特 - 路德维希大学担任运动神经科学及神经科学主任，并且是弗莱堡阿尔伯特 - 路德维希大学 IMBIT 的“BrainLinks-BrainTools Cluster of Excellence”成员。Mrachacz-Kersting 博士在电气与电子工程师协会医学与生物学工程学会（EMBS）执行委员会任职，担任候任副主席，负责会员及学生活动方面的工作。她还是 IEEE 女医学工程师协会（WI(BM)E）主席、IEEE 协会脑技术社区指导委员会成员以及《IEEE TNSRE》的副主编。她此前曾在丹麦奥尔堡大学、德国多特蒙德应用科学大学以及新西兰奥克兰大学任职。Mrachacz-Kersting 博士的研究专注于医疗技术、生物医学工程和神经科学。她目前进行的科研项目主要涉及面向患者群体（包括中风或肌萎缩侧索硬化症患者）的脑机接口（BCI）。Mrachacz-Kersting 博士获得了多个奖项，其中包括 2017 年的国际 BCI 奖。

Mu-ming Poo / 蒲慕明 , Ph.D.

Scientific Director, Institute of Neuroscience, Chinese Academy of Sciences (CAS)
Director, Shanghai Center for Brain Science and Brain-Inspired Technology
Paul Licht Distinguished Professor in Biology Emeritus, University of California, Berkeley
中国科学院神经科学研究所学术主任
上海脑科学与类脑研究中心主任
加州大学伯克利分校荣休讲席教授

Mu-ming Poo is the Scientific Director of Institute of Neuroscience, Chinese Academy of Sciences (CAS), Director of Shanghai Center for Brain Science and Brain-Inspired Technology, and Paul Licht Distinguished Professor in Biology Emeritus at University of California, Berkeley. He studied physics at Tsinghua University in Taiwan and received PhD in biophysics from Johns Hopkins University in 1974. During 1976- 2012, He had served on the faculty of UC Irvine, Yale, Columbia, and UCSD, and UC Berkeley. He was the founding director of Institute of Neuroscience, CAS (1999- 2019), and a member of Chinese Academy of Science, Academia Sinica, and Hong Kong Academy of Science, and an international member of US National Academy of Science. He was awarded Ameritec Prize, International Science & Technology Cooperation Award of P. R. China, and Gruber Neuroscience Prize. Poo’ s research interest includes axon growth, synaptic plasticity, and the use non-human primates to study higher cognitive functions and human brain disorders. He is the Executive Editor-in-Chief of National Science Review and the editorial board member for many journals, including Neuron and Progress in Neurobiology.

蒲慕明院士现任中国科学院神经科学研究所学术主任，上海脑科学与类脑研究中心主任，美国加州大学伯克利分校荣休讲席教授。他曾在中国台湾“清华大学”学习物理，并于 1974 年在美国约翰霍普金斯大学获得生物物理学博士学位。1976 年至 2012 年期间，他曾在美国加州大学欧文分校、耶鲁大学、哥伦比亚大学、加州大学圣地亚哥分校以及加州大学伯克利分校担任教职。他是中国科学院神经科学研究所的创所所长（1999-2019），同时也是中国科学院院士、美国科学院外籍院士。他曾获得 Ameritec 奖、中国国际科技合作奖和格鲁伯神经科学奖。他的主要研究方向包括轴突生长、突触可塑性以及利用非人类灵长类动物研究高级认知功能和人脑疾病。他是《国家科学评论》的执行主编，并担任《神经元》和 Progress in Neurobiology 等多个期刊的编委。

Alexander von Lühmann, Ph.D.

BIFOLD-ML | Machine Learning Department
Head of Independent Research Group
Technische Universität Berlin
柏林工业大学人工智能与机器学习研究中心机器学习部独立研究小组组长

Alexander von Lühmann is currently head of the “Intelligent Biomedical Sensing” research group at TU Berlin’ s Machine Learning department and BIFOLD. He is also a visiting researcher at the Neurophotonics Center of Boston University (BU NPC) and the Lead Technology Advisor at NIRx Medical Technologies. Before this, he was the Chief Science Officer and R&D Director at NIRx for 2,5 years, a post-doc at Boston University, a visiting researcher at Harvard Medical School, and the Chief Technology Officer at Crely, a healthcare startup based in the US and Singapore. He is a member of the ISO/DIN, SfNIRS, OPTICA, OHBM and VDI. His contributions to the field have been recognized by the fNIRS Society (Early Investigator Award 2022), the TU Berlin BIMOS graduate school (PhD Award 2019), the German Society for Biomedical Engineering (DGBMT Klee Award 2018) and the IEEE Biomedical Engineering Society (Special Feature & Cover Article 2017). He received his PhD (Dr.-Ing.) with distinction in 2018 from TU Berlin, and his M.Sc. and B.Sc. degrees in Electrical Engineering from Karlsruhe Institute of Technology in 2014.

Alexander von Lühmann 目前是柏林工业大学机器学习系以及柏林人工智能与机器学习研究中心（BIFOLD）“智能生物医学传感”研究小组的组长。他还是波士顿大学神经光子学中心（BU NPC）的访问研究员以及 NIRx 医疗技术公司的首席技术顾问。在此之前，他曾在 NIRx 公司担任了两年半的首席科学官兼研发总监，在波士顿大学做过博士后，在哈佛医学院担任过访问研究员，还曾是一家总部位于美国和新加坡的医疗保健初创公司 Crely 的首席技术官。他是国际标准化组织 / 德国标准化协会、功能性近红外光谱学会、美国光学学会、国际人类脑图谱学会以及德国工程师协会的成员。他在该领域的贡献得到了以下机构的认可：功能性近红外光谱学会（Early Investigator Award 2022）、柏林工业大学 BIMOS 研究生院（PhD Award 2019）、德国生物医学工程学会（DGBMT Klee Award 2018）以及 IEEE 协会生物医学工程学会（Special Feature & Cover Article 2017）。他于 2018 年以优异成绩获得柏林工业大学工学博士学位，并于 2014 年从卡尔斯鲁厄理工学院获得电气工程学硕士和学士学位。

Young Scientists Panel
青年科学家专题讨论

Sort alphabetically by surname
根据姓氏首字母排序

Enming Song / 宋恩名 , Ph.D.

Professor at Institute of Optoelectronics of Fudan University
复旦大学光电研究院青年研究员

Enming Song is a Professor at the Institute of Optoelectronics, Fudan University. Previously, he was a postdoctoral fellow at Northwestern University's Simpson Querrey Institute and an Adjunct Research Assistant Professor at the University of Illinois at Urbana- Champaign. He earned his Ph.D. and B.S. from Fudan University's Department of Materials Science. His research focuses on soft electronic materials for biomedical engineering, particularly flexible bioelectronic systems for neural interfaces. Over the past five years, he has published 21 scientific papers and holds a U.S. patent. His contributions earned him honors like MIT Technology Review's Innovators Under 35 Asia Pacific, Shanghai Science & Technology 35 Under 35, and a Global Innovation Award from UNIDO.

宋恩名，复旦大学光电研究院，青年研究员，博导。入选国家级海外优青、上海市海外高层次人才引进计划、上海脑中心 - 求索杰出青年计划研究组长。从事植入式柔性脑机接口电子系统研究，工作围绕用于全脑维度脑电放大传感功能研发。2011、2018 年本科、博士毕业于复旦大学材料科学系，期间 2015-2017 年联合培养博士生就读美国伊利诺伊大学香槟分校，2018 年起在美国西北大学生物电子集成中心进行博士后工作。近 5 年第一 / 通讯作者发表期刊论文 27 篇，包括 Nature Materials、Cell、Nature Biomedical Engineering、美国国家科学院院刊 PNAS（3 篇）、Advanced Materials、ACS Nano、Advanced Functional Materials（3 篇）等；2022 年获脑内植入封装技术的美国专利。入选《麻省理工科技评论》35 人亚太区、上海科技青年 35 人引领计划、达摩院青橙奖最具潜力奖、联合国工业组织科创进步奖、Microsystems & Nanoengineering 青年科学家奖。担任第一届上海市神经科学学会脑机接口与交互分会委员、任职多篇国际高影响力期刊的副主编 / 青编：如《Brain-X》、《The Innovation》、《Research》等。

Minpeng Xu / 许敏鹏 , Ph.D.

Associate Dean of Academy of Medical Engineering and Translational Medicine
Chair Professor of Department of Biomedical Engineering at Tianjin University
天津大学医学工程与转化医学研究院副院长
生物医学工程系讲座教授

Minpeng Xu received the B. S. and Ph. D. degrees in biomedical engineering from Tianjin University in 2010 and 2015, respectively. He visited the Tzyy-Ping Jung's lab at the Institute for Neural Computation (INC) of University of California, San Diego (UCSD) from 2014 to 2015. He is currently the Associate Dean of Academy of Medical Engineering and Translational Medicine and Chair Professor of Department of Biomedical Engineering at Tianjin University. His research interests include brain-computer interface, neural signal processing and neuromodulation. He has published more than 80 academic papers as the (co-)first or (co-)corresponding author, and some of them were selected as ESI highly cited papers, IEEE TBME cover story, and JNE highlight.

许敏鹏，讲席教授，博导，天津大学医工院副院长，长江学者，国家优秀青年科学基金获得者，国家重点研发计划首席科学家，《麻省理工科技评论》“35 岁以下科技创新 35 人”中国区入选者，“强国青年科学家”称号获得者，IEEE senior member，主要研究方向为脑 - 机接口，研究成果入选国家“十三五”科技创新成就展。目前担任中国脑机接口产业联盟数据与基础软件工作组主席，中国生物医学工程学会医学神经工程分会委员兼副秘书长等；主持国家级、省部级、航天、华为等项目 10 余项。以第一作者或通讯作者在 Science Advances、Engineering、NeuroImage、IEEE TBME、JNE 等国内外脑 - 机接口与神经工程领域重要学术期刊或会议集发表论文 80 余篇，获中国、美国等授权发明专利 40 余项。学术论文获 IOP China Top-Cited Paper Award，入选 ESI 高被引论文，IEEE TBME 封面论文、JNE 高亮论文，被 Science 专刊报道，专利获全国发明展览会·“一带一路”暨金砖国家技能发展与技术创新大赛金奖。作为技术负责人开发脑 - 机接口综合性开源软件 MetaBCI，作为骨干参与研制“天宫二号”在轨脑 - 机接口系统、人工神经康复机器人系统、“脑语者”芯片等。

Yuxiao Yang / 杨雨潇 , Ph.D.

Assistant Professor, MOE Frontier Science Center for Brain Science and Brain-Machine Integration and the State Key Laboratory of Brain-Machine Intelligence, Zhejiang University
浙江大学脑与脑机融合前沿科学中心、脑机智能全国重点实验室研究员

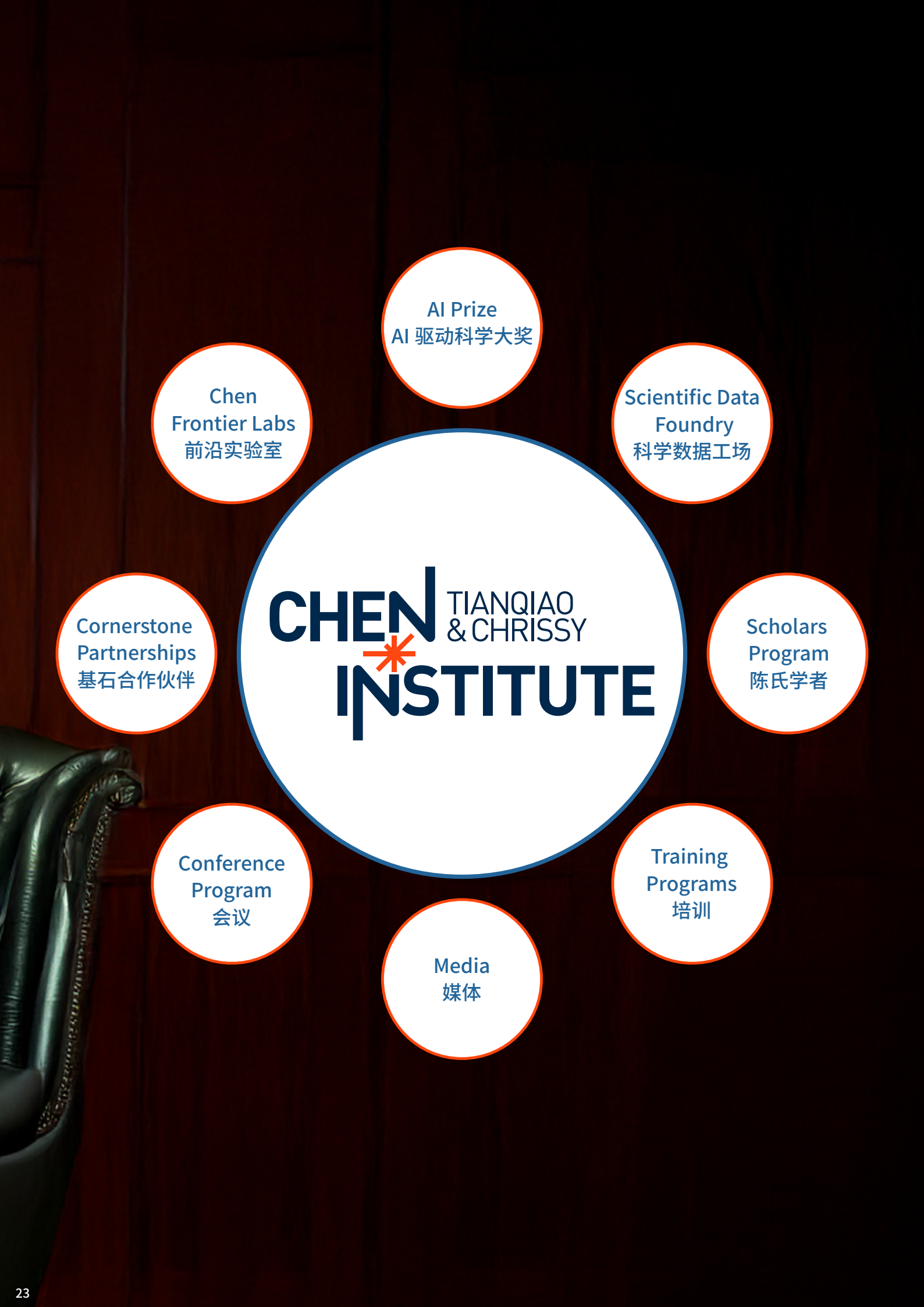
Yuxiao Yang is an Assistant Professor at the MOE Frontier Science Center for Brain Science and Brain-machine Integration and the State Key Laboratory of Brain-machine Intelligence, Zhejiang University. Prior to joining Zhejiang University, he was an Assistant Professor of Electrical and Computer Engineering (ECE) at the University of Central Florida (UCF). He received a Ph.D. degree in ECE from University of Southern California in 2019 and received a B.S. degree in Electronics Engineering from Tsinghua University in 2013. His research centers on designing closed-loop brain-machine interface systems for neural decoding and control, aiming to provide new therapies for neurological and neuropsychiatric disorders. He has published in prestigious neural engineering journals, including cover articles in Nature Biotechnology and Nature Biomedical Engineering. He received the Annual Brain- Computer Interface Award in 2019 and the IEEE EMBS Best Student Paper Award in 2015.

杨雨潇，浙江大学脑与脑机融合前沿科学中心、脑机智能全国重点实验室研究员，入选国家高层次青年人才计划。2013 年获清华大学电子工程学士学位，2019 年获南加州大学电子工程博士学位，2020 至 2022 年任中佛罗里达大学电子与计算机系助理教授。研究方向为脑机接口、人工智能、脑疾病神经调控治疗。在 Nature Biomedical Engineering, Nature Biotechnology 等知名期刊发表多篇论文。曾获国际脑机接口研究奖和 IEEE EMBC 最佳论文奖。

Tianqiao and Chrissy Chen Institute Ecosystem
天桥脑科学研究院生态系统

Driven by their intense desire to understand how perceptions are formed and impact our behavior, husband and wife Tianqiao Chen and Chrissy Luo established the Tianqiao and Chrissy Chen Institute in late 2016 with the mission to benefit humanity. Since then, they have been designing an ecosystem of programs and initiatives which offer support and bridge gaps, so that the opportunities and challenges faced by scientists are addressed.

陈天桥和雒芊芊夫妇受人类感知形成机制及其行为影响的启发，怀着造福人类的崇高使命，于 2016 年底创立了天桥脑科学研究院 (Tianqiao and Chrissy Chen Institute)。多年来，研究院精心构建了一套完整的生态系统，通过各类支持计划和创新举措，致力于搭建科研之桥，为科学家们攻克前沿挑战提供坚实助力。


AI Prize
AI 驱动科学大奖
Chen
Frontier Labs
前沿实验室
Scientific Data
Foundry
科学数据工场
CHEN TIANQIAO & CHRISSY INSTITUTE
Cornerstone
Partnerships
基石合作伙伴
Scholars
Program
陈氏学者
Conference
Program
会议
Training
Programs
培训
Media
媒体

Tianqiao and Chrissy Chen Institute Projects
天桥脑科学研究院支持计划

Chen Institute Scientific Data Foundry
天桥脑科学研究院科学数据工场

As artificial intelligence is increasingly used to accelerate and expand scientific and medical research, there is a critical need for scientific and medical data to train AI models. The Chen Institute has invested significantly in AI-focused programs, and in 2023, building on our experience supporting translational researchers working with AI in China, we created the "Chen Institute Scientific Data Foundry." This program supports the collection of diverse, high-quality scientific and medical datasets which will help achieve breakthroughs and inform the development and training of foundational scientific models. This exciting program will soon begin expanding beyond China, within regulatory limits.

The Chen Institute is not just a funding donor but also a partner, assisting scientists in collecting, cleaning, and labeling research data. Chen Institute's in-house data engineers and data scientists, while supporting these clinical researchers, are also gradually building and managing a high-quality benchmark dataset platform.

The Chen Institute Data Foundry includes one of the largest mental health datasets in China. We're examining a growing body of anonymous clinical consultation data, including consultation speech-to-text, medical records, and test results. We looked at the SEEG and EEG records of 300 epileptic patients recorded via brain-computer interfaces.

Another interesting collection is a healthy aging dataset, which includes 14 years of health records for nearly 4,000 older people—200 of whom are over 90 years old.

Finally, we created an online community called UniCase Hub (described in detail below), which has collected extremely unique brain disease cases. These very unusual datasets that allow us to check the development and training of foundational AI models.

The Chen Institute is excited about a future with AI-driven science bringing us closer to significant breakthroughs.

随着人工智能在科研和医学领域的广泛应用，高质量的科研医疗数据对于训练 AI 模型变得愈发重要。天桥脑科学研究院长期以来深耕人工智能领域，在中国已积累了丰富的 AI 转化研究经验。基于这些积淀，我们于 2023 年创立了“天桥脑科学研究院科学数据工场”。该项目致力于构建多元化、高品质的科研和医疗数据集，以推动科学突破，并为基础科学模型的开发与训练提供关键支撑。这一开创性项目已在中国取得显著成效，未来将在符合各地监管要求的前提下，逐步拓展至全球更多地区。

天桥脑科学研究院不仅是科研资助者，更是科学家的合作伙伴。我们全程与科学家们并肩同行，协助完成科研数据的采集、清洗和标注工作，为科研人员提供专业支持。研究院配备专业的数据工程师和数据科学家团队，在为临床研究者提供支持的同时，正在逐步构建和管理一个高水准的数据集平台标杆。

天桥脑科学研究院数据工场拥有中国最大规模的心理健康数据集之一。我们正在深入分析其中不断增加的匿名临床咨询数据，包括咨询语音转文本内容、病历记录以及检测结果。另外，我们还通过脑机接口技术，收集并研究了 300 位癫痫患者的 SEEG 和 EEG 脑电图记录。

另一个重要数据集则是聚焦健康老人群体，收录了近 4000 名老年人长达 14 年的健康记录，其中包含了 200 位 90 岁以上长寿老人的珍贵数据。

最后，我们创建了一个名为特殊病例社区（UniCase Hub）的在线社区，汇集了极为独特的脑部疾病病例。这些极具特色的数据集，为我们验证和完善基础 AI 模型的开发与训练提供了独特价值。

天桥脑科学研究院对未来满怀憧憬，期待人工智能驱动的科学能引领我们迈向重大突破的新纪元。

Chen Institute & Science Prize for AI Accelerated Research

Chen Institute & Science Prize for AI Accelerated Research

Recognizing the potential of artificial intelligence (AI) to accelerate and expand scientific research and to encourage AI advancements and promote breakthroughs in the field, we are organizing a prize in partnership with Science Magazine which kicked off in August 2024 and runs through Dec 13th.

The “Chen Institute and Science Prize for AI Accelerated Research” will foster innovation and celebrate advancements in AI that help to transform research and ultimately improve lives. Young scientists from across the globe are invited to showcase their AI-driven projects, solutions, and ideas.

What do the winners receive?

The Grand Prize Winner Receives:

The Grand Prize winner have their winning essay published in Science, both in print and online, in July 2025. They will receive a 5-year digital subscription to Science and they will also be awarded a cash prize of USD 30,000 plus reasonable travel and accommodation expenses for the awards ceremony later in 2025.

Runner(s)-Up Receives:

Up to two runner(s)-up will have their essay published in Science online. They will also receive a 5-year digital subscription to Science and they will receive USD 10,000.

Rules of Eligibility

Entrants must be early career scientists in a field related to artificial intelligence who hold an M.D., Ph.D., or M.D./Ph.D at the time of entry and have received their degree in the last 10 years.

While the research may be part of a larger team effort, an eligible entrant must be a single individual and the essay must focus on their contribution.

More information and the application link can be found at:

https://www.cheninstitute.org/prize

天桥脑科学研究院&科学杂志AI驱动科学大奖

Chen Institute & Science Prize for AI Accelerated Research

为推动人工智能在科研领域的创新应用，促进 AI 技术发展和突破，我们与《科学》(Science) 杂志携手设立专项奖项。该奖项评选已于 2024 年 8 月启动，将持续至 12 月 13 日。

“天桥脑科学研究院 & 科学杂志 AI 驱动科学大奖旨在培育创新，表彰在 AI 领域取得突破性进展的杰出成果，推动科研变革，最终造福人类生活。我们诚邀全球青年科学家展示他们基于人工智能的创新项目、解决方案和独特构想。

获奖者将获得什么？

大奖获得者将获得：

大奖获得者的获奖论文将于 2025 年 7 月在《科学》杂志的印刷版和在线版上发表。他们将享有《科学》杂志五年的数字订阅权，并将获得 30,000 美元的现金奖励，以及 2025 年颁奖典礼的旅行和住宿费用。

优胜奖获得者将获得：

优胜奖获得者最多两名，他们的论文将在《科学》杂志在线版上发表。他们也将获得《科学》杂志五年的数字订阅权，并将获得 10,000 美元的奖金。

参赛资格条件

申请者必须是人工智能相关领域的青年科学家，在申请时须持有医学博士学位 (M.D.)、博士学位 (Ph.D.) 或医学博士 / 博士双学位 (M.D./Ph.D.)，且其学位获得时间应在近 10 年内。

参选论文可以基于团队研究项目，但必须以个人名义申请；论文内容需重点阐述参选者本人的研究贡献。

欲了解更多信息和申请链接，请访问以下网站：

https://www.cheninstitute.org/prize

11th International BCI Meeting
第 11 届国际脑机接口会议

Building Momentum: Fostering CollaborationinBC I
蓄势待发:促进脑机接口领域的合作

June2-5 2025
2025 年 6 月 2 日 - 5 日
Banff Canada
班夫, 加拿大

bcisociety.org

Abstract submission and travel award application close January 16,2025
摘要提交和旅行奖金申请将于 2025 年 1 月 16 日截止。

Acknowledgements
致谢

Many thanks to the Chen Institute team that helped to bring this meeting to life!
非常感谢助力本次会议成功举办的天桥脑科学研究院团队！

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Director of Conferences
会议总监

Shanshan Wei / 卫珊珊
Academic Conference Project Manager(China)
学术会议项目经理（中国）

Duofu Liu / 刘夺福
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合作拓展负责人（中国）

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资深视觉设计师

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Notes记录

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