

# **梁靓** LIANG Liang

中国人形机器人百人会常务副秘书长、 中国电子学会副秘书长, 北京经济技术开发区管委会副主任(挂职)

Executive Deputy Secretary-General, China Humanoid Robotics Committee of 100;

Deputy Secretary-General, Chinese Institute of Electronics;

Deputy Director (on secondment), Administrative Committee of Beijing Economic-Technological Development Area

## 分论坛 PARALLEL SESSION



<mark>张峰</mark> ZHANG Feng

中国人形机器人百人会理事长、中国电子学会理事会党委书记

President, China Humanoid Robotics Committee of 100; Secretary of the Party Committee, Board of Directors of the Chinese Institute of Electronics



姚佳 YAO Jia

工业和信息化部科技司副司长

Deputy Director-general, Department of Science and Technology, Ministry of Industry and Information Technology of the People's Republic of China



**WANG Xingxing** 

宇树科技股份有限公司创始人、董事长 Founder and Chairman, Unitree Robotics Co., Ltd

王兴兴, 宇树科技股份有限公司创始人、董事长, 科技至上主义者。 在研究生期间,全球范围内个人开创性的开发了使用低成本外转子无刷 电机驱动的高性能四足机器人XDog,开创了低成本高性能足式机器人的 技术先河。2016年8月创立了宇树科技,在全球率先公开零售高性能四足 机器人,全球销量领先,显著推动了全球高性能四足机器人的市场化进 程。曾受邀参加 ICRA 2028-2022足式机器人论坛演讲等国际顶级机器人 会议,带领团队累计申请国内外专利200余项,带领公司产品登上央视牛 年春晚、美国超级碗等顶级舞台。

Wang Xingxing, Founder and Chairman, Unitree Robotics Co., Ltd. During his graduate studies, he pioneered the development of XDog, a high-performance quadruped robot powered by a low-cost external rotor brushless motor, and pioneered the technology of low-cost, high-performance legged robots.

After graduation, he founded Unitree in August 2016, becoming the first in the world to publicly retail high-performance quadruped robots, leading global sales year after year. A total of more than 180 domestic and foreign patents have been applied for. Received multiple rounds of investment from Meituan, Sequoia, Shunwei, Jingwei, etc. He once led the team to make the company's products appear on the CCTV Year of the Ox Spring Festival Gala stage, the opening ceremony of the Winter Olympics, etc. Selected as one of Fortune China's 40 business elites under 40 in 2023.



# **Dennis Hong**Dennis Hong

加州大学洛杉矶分校RoMeLa机器人实验室 创始主任

Founding Director, Robotics & Mechanisms Laboratory (RoMeLa) , University of California, Los Angeles

Dennis Hong,博士,美国加州大学洛杉矶分校机械与航空航天工程系教授,机器人与机械实验室(RoMeLa)创始人。主要从事机器人运动和操纵、自动驾驶车辆和仿人机器人研究。研究成果曾被多家国内外媒体报道,华盛顿邮报杂志曾称洪博士为"机器人领域的达·芬奇"。

Dennis Hong博士曾入选《科技生活》(Popular Science)杂志评选的第八届"杰出十大"、威斯康星大学麦迪逊分校校友评选的"40岁以下杰出人物"(Forward Under 40),并获得美国普渡大学评选的40位"40岁以下杰出校友"称号。此外,他还曾荣获美国国家科学基金会颁发的"职业发展奖"(CAREER)、国际汽车工程学会(SAE International)颁发的"国际迪德工程奖"、以及美国机械工程师学会(ASME)颁发的"弗洛伊登斯坦/通用汽车青年研究员奖"(Freudenstein/GM Young Investigator Award)等多项荣誉。

Dr. Dennis Hong is a Professor and the Founding Director of RoMeLa (Robotics & Mechanisms Laboratory) of the Mechanical & Aerospace Engineering Department at UCLA. His research focuses on robot locomotion and manipulation, autonomous vehicles and humanoid robots. His work has been featured on numerous national and international media. Washington Post magazine called Dr. Hong "the Leonardo da Vinci of robots."

Dr. Hong has been named to Popular Science's 8th annual "Brilliant 10", "Forward Under 40" by the UW Madison Alumni Association, and also honored as "Top 40 Under 40" alumni by Purdue University. Hong's other past awards include the National Science Foundation's CAREER award, the SAE International's Ralph R. Teetor Educational Award, and the ASME Freudenstein / GM Young Investigator.



# 席宁 XI Ning

中国电子学会机器人分会主任委员, 香港大学新兴技术研究所所长

Chair, Robotics Society of the Chinese Institute of Electronics:

Director, Advanced Technologies Institute, The University of Hong Kong

席宁,香港大学数据及系统工程系机器人与自动化讲座教授及系主任、香港大学新兴技术研究所所长。

他于1993年12月毕业于美国密苏里州圣刘易斯华盛顿大学,持有系统科学与数学博士学位。现任香港大学数据及系统工程系机器人与自动化讲座教授,及香港大学新兴技术研究所所长。席宁教授于香港大学成立了华润-香港大学智能技术联合研发中心及中国煤科-香港大学智能技术联合研发中心"。加入香港大学之前,他曾任美国密歇根州立大学密执安州立大学杰出教授,机电与计算机工程系John D. Ryder讲座教授,机器人与自动化实验室主任。

另外,2011-2013年,席宁教授还是香港城市大学机械与生物医学工程系创始人。席宁教授于2010-2011期间曾任IEEE纳米技术理事会主席,2013-2015期间任IEEE机器人及自动化学会行政委员会成员。在担任学术职位期间席宁分别于2004、2005和2011年发起了IEEE-ROBIO、IEEE-NEMS、IEEE-CYBER等著名国际会议,并把首届举办城市选在中国大陆,邀请领域内国际知名学者参会讲座,让国内学术界接触国际研究趋势。席宁教授当选中央委员会组织部千人计划国家特聘专家,IEEE Fellow,IEEE机器人及自动化学会主席(2018年)。研究领域包括机器人、制造自动化、微/纳米制造、纳米传感器和设备以及智能控制和系统。

Xi Ning, Chair Professor of Robotics and Automation and Head of the Department of Industrial and Manufacturing Systems Engineering at The University of Hong Kong (HKU), and Director of the HKU Institute for Advanced Study.

He received his Ph.D. in Systems Science and Mathematics from Washington University in St. Louis, Missouri, USA, in December 1993. Currently, he serves as Chair Professor of Robotics and Automation in the Department of Industrial and Manufacturing Systems Engineering at HKU and Director of the HKU Institute for Advanced Study. Professor Xi Ning has established the China Resources - HKU Joint Research Center for Intelligent Technology and the CCTEG - HKU Joint Research Center for Intelligent Technology at HKU. Prior to joining HKU, he was a University Distinguished Professor at Michigan State University, USA, where he held the John D. Ryder Endowed Chair Professorship

#### 分论坛 PARALLEL SESSION

in the Department of Electrical and Computer Engineering and served as Director of the Robotics and Automation Laboratory.

Additionally, from 2011 to 2013, Professor Xi Ning was the founding faculty member of the Department of Mechanical and Biomedical Engineering at City University of Hong Kong. Professor Xi Ning served as President of the IEEE Nanotechnology Council from 2010 to 2011 and was a member of the IEEE Robotics and Automation Society Administrative Committee from 2013 to 2015. During his academic career, he initiated several prestigious international conferences, including IEEE-ROBIO (2004), IEEE-NEMS (2005), and IEEE-CYBER (2011), with their inaugural editions held in mainland China. These conferences brought together leading international scholars, exposing the domestic academic community to global research trends. Professor Xi Ning has been recognized as a National Distinguished Expert under the Chinese Thousand Talents Plan by the Organization Department of the CPC Central Committee, and is an IEEE Fellow. He served as President of the IEEE Robotics and Automation Society in 2018. His research areas include robotics, manufacturing automation, micro/nano manufacturing, nanosensors and devices, and intelligent control systems.



江磊 JIANG Lei

中国电子学会机器人分会副主任委员, 国地共建人形机器人创新中心首席科学家

Vice Chair, Robotics Society of the Chinese Institute of Electronics;

Chief Scientist, National and Local Joint Innovation Center for Humanoid Robots

国地共建人形机器人创新中心首席科学家,科技部"智能机器人"专项总体组专家、国自然"共融机器人"秘书组成员,长期致力于人形机器人、四足机器人、智能仿生行走等技术研究,主导开展了"青龙"人形机器人、350kg电动牦牛、月面移动机器人FDTM等项目,正在主导开展人形机器人开源社区OpenLoong,发布"格物"开源具身智能仿真平台,7B参数的"龙跃"运动生成大模型。获得省部级科技进步奖5项,发布论文30余篇,专利50余项。

Jiang Lei, Chief Scientist of the National and Local Joint Innovation Center for Humanoid Robots, expert of the Overall Group of the "Intelligent Robots" special project of the Ministry of Science and Technology, and member of the Secretariat of the "Collaborative Robots" of the National Natural Science Foundation of China, has long been committed to the research on technologies such as humanoid robots, quadruped robots, and intelligent bionic walking. He has led the development of projects including the "Qinglong" humanoid robot, 350kg electric yaks, and the lunar mobile robot FDTM. Currently, he is leading the development of the humanoid robot open source community OpenLoong, and has released the "Ge Wu" open-source embodied intelligence simulation platform and the "Long Yue" motion generation large model with 7B parameters. He has won 5 provincial and ministerial-level Science and Tech Progress Awards, published more than 30 papers, and held over 50 patents.



## 唐剑 TANG Jian

国地共建具身智能机器人创新中心首席技术官

Chief Technology Officer, National and Local Joint Innovation Center for Embodied Intelligent Robots

唐剑博士,现任北京人形机器人创新中心有限公司CTO、IEEE Fellow、ACM杰出科学家、中国电子学会会士。他在国际顶级期刊和会议上发表了200多篇学术论文,拥有40多项授权发明专利,在具身智能、AI驱动的系统控制、边缘智能和群智感知方向上做出开创性贡献,并多次获得重要奖项,其中包括2019年IEEE William R. Bennett Prize、2023年中国电子学会自然科学一等奖、2023年物联网十大科技进步奖、2020年吴文俊创新企业工程奖等。

Dr. Tang Jian currently serves as the CTO of Beijing Innovation Center of Humanoid Robotics Co., Ltd. He is also IEEE Fellow, Distinguished Scientist of the ACM, and Fellow of the Chinese Institute of Electronics (CIE).

He has published over 200 academic papers in top international journals and conferences and holds more than 40 authorized invention patents. Dr. Tang has made pioneering contributions in embodied artificial intelligence (AI), AI-driven system control, edge intelligence, and swarm intelligence perception. His outstanding work has earned him numerous prestigious awards, including the 2019 IEEE William R. Bennett Prize, the 2023 First Prize of the Natural Science Award of the Chinese Institute of Electronics, the 2023 Top 10 Scientific and Technological Progress in the Internet of Things Award, the 2020 Wu Wenjun Innovative Engineering Award for Enterprises, and

#### 分论坛 PARALLEL SESSION



### 熊蓉 XIONG Rong

中国电子学会机器人分会副主任委员,浙江人形机器人创新中心首席科学家

Vice Chair, Robotics Society of the Chinese Institute of Electronics;

Chief Scientist, Zhejiang Humanoid Robotics Innovation

浙江大学求是特聘教授、国家重点研发计划智能机器人重点专项专家组成员、五一巾帼奖章获得者。主持2030新一代人工智能重大项目等国家和省部级项目20余项,在腿足机器人鲁棒平衡控制、移动机器人鲁棒定位导航、操作机器人高精高效作业等方面取得重要突破,研制了国际知名的乒乓球对打仿人机器人等。

在IEEE汇刊等发表论文100余篇,授权国家发明专利60余项、国际3项、及国家标准2项,技术推广应用于工业、特种、航天等领域,培育了电力巡检机器人、智能物流机器人等新产品,获浙江省科学技术奖一等奖、国家教学成果奖二等奖等。

Xiong Rong, Qiushi Distinguished Professor at Zhejiang University, member of the Intelligent Robot Key Special Expert Group of Chinese National Key Research and Development Program, and May 1 Heroine Medal winner. She has led over 20 national, provincial and ministerial level projects such as the 2030 "New Generation Artificial Intelligence" Major Project, and made important breakthroughs in the robust balance control of legged robots, robust positioning and navigation of mobile robots, and high precision and efficient operation of operational robots, and developed an internationally renowned humanoid table tennis robot.

She has published more than 100 papers in IEEE Transactions, obtained over 60 national invention patent authorization, 3 international patents, and 2 national standards, the technology of which have been promoted and applied in industrial, special, aerospace and other fields. Moreover, she has developed power inspection robots, intelligent logistics robots and other new products, and received the first prize in the Zhejiang Provincial Science and Technology Award, as well as the second prize in Chinese National Teaching Achievement Award.



# 丁宁 DING Ning

广东省具身智能机器人创新中心主任 Director, Innovation Center for Embodied Intelligent Robotics of Guangdong Province

丁宁,博士,研究员,香港中文大学机械与自动化工程学系毕业,专注特种机器人与计算机视觉研究。现任深圳市人工智能与机器人研究院常务副院长、香港中文大学(深圳)机器人与智能制造研究院副院长,广东省具身智能机器人创新中心主任等职。兼任全国机器人、人形机器人、电力机器人等标准委员会委员,及多个学会与智库职务。主持国家自然科学基金、973、863、省市级重点科研项目,聚焦电力、桥梁、管道等基础设施运维机器人技术研发。发表论文90余篇,授权专利100余项(含1项国际专利),主导制定机器人国家标准10余项。获广东省领军人才、深圳市海外高层次人才等称号,及IEEE IROS最佳论文奖、机械工业科技进步奖、吴文俊人工智能奖等多项荣誉。

Dr. Ding Ning is the Executive Associate Director of Shenzhen Institute of Artificial Intelligence and Robotics for Society (AIRS). He is also the Deputy Director of the Institute of Robotics and Intelligent Manufacturing, the Chinese University of Hong Kong, Shenzhen and the Director of Guangdong Innovation Center for Embodied Intelligent Robotics. He received his PhD degree from the Department of Mechanical and Automation Engineering of the Chinese University of Hong Kong and his research interests include special robots and computer vision. Dr. Ding is a member of the Special Equipment Robot Sub-technical Committee of TC591/SC1 National Robot Standard Committee, a member of TC591/WG02 National Humanoid Robot Standards Working Group, a member of NEA/TC35 Energy Industry Electric Robot Standardization Technical Committee, the Director of the Joint Laboratory of the Department of Education of Guangdong Province and Guangdong, Hong Kong and Macao Universities on Urban Maintenance Robots, and the Director of Guangdong Society of Artificial Intelligence and Robotics.

Dr. Ding has presided many scientific research projects. Leading his team, he has developed many special robots for bridge cable inspection, bridge surface inspection and power transmission lines inspection, etc. Dr. Ding has published more than 90 papers and more than 10 national standards on robots. He has been granted more than 100 authorized invention patents and 1 international patents. He was the winner of the IROS2021 Best Application Paper Award and the finalist of Best Paper Award on Robot Mechanisms and Design.



# 王晓刚 WANG Xiaogang

商汤科技联合创始人兼首席科学家 Co-founder and Chief Technology Officer, SenseTime

为商汤科技联合创始人、执行董事、CTO,大晓机器人董事长,同时亦为香港中文大学电子工程系教授。王晓刚自2016年起任商汤研究院院长,整体负责商汤科技的研发工作,建立起全栈人工智能研发体系。2025年,为将人工智能从数字世界迈向物理世界,王晓刚领导成立大晓机器人,推动具身智能引领智慧的跃迁。

王晓刚在顶级的国际期刊和会议发表超过300篇论文,论文在Google Scholar上引用超过135000次,h-index=153。2025年,国际知名学术平台Research.com发布的最佳计算机科学家榜单中,王晓刚教授高居国内第一。

Mr. Wang Xiaogang is the Co-founder, Executive Director, and Chief Technology Officer (CTO) of SenseTime, Chairman of DAXIAO Intelligence, and also a Professor in the Department of Electronic Engineering at The Chinese University of Hong Kong (CUHK). Since 2016, Mr. Wang has served as the Director of SenseTime Research, overseeing the company's overall R&D strategy and establishing a full-stack artificial intelligence research and development system. In 2025, with the vision of extending AI from the digital world to the physical world, he founded DAXIAO Intelligence, leading efforts to advance embodied AI and drive the next leap in intelligent systems.

Mr. Wang has published over 300 papers in top-tier international journals and conferences. His research has been cited more than 135,000 times on Google Scholar, with an h-index of 153. In 2025, he was ranked first in China on the list of Top Computer Scientists released by the internationally renowned academic platform Research.com.



## 冷晓琨 LENG Xiaokun

中国电子学会机器人分会青年副主任委员, 乐聚智能(深圳)股份有限公司董事长

Vice Chair, Robotics Society of the Chinese Institute of Electronics;

Chairman, Leju (Shenzhen) Robotics Technology Co., Ltd

冷晓琨,哈尔滨工业大学博士、教授,乐聚智能(深圳)股份有限公司董事长,全国青联委员,广东省科协常委,国家科技专家库专家,深圳市高层次人才,深圳"十五五规划"专家组成员。主要聚焦双足人形机器人及人工智能领域进行关键技术研究与产品研发制造。

曾荣获全国青年五四奖章、中国青少年科技创新奖、中国青年创业奖、工信部创新创业奖、吴文俊人工智能科技进步奖、深圳市青年科技奖、深圳五一劳动奖章等荣誉,并两次入选福布斯"30位30岁以下精英"榜。

Leng Xiaokun, Ph.D. and Professor of Harbin Institute of Technology, Chairman, Leju (Shenzhen) Robotics Technology Co., Ltd, Member of the All-China Youth Federation, Standing Committee Member of the Guangdong Association for Science and Technology, Expert of the National Science and Technology Expert Database, Shenzhen High-Level Talent, and Member of the Expert Group for Shenzhen's "15th Five-Year Plan". He mainly focuses on key technology research, product development and manufacturing in the fields of biped humanoid robots and artificial intelligence.

He has been awarded honors such as the National Youth May 4th Medal, China Youth Science and Technology Innovation Award, China Youth Entrepreneurship Award, Ministry of Industry and Information Technology Innovation and Entrepreneurship Award, Wu Wenjun Artificial Intelligence Science and Technology Progress Award, Shenzhen Youth Science and Technology Award, and Shenzhen May 1st Labor Medal. He has also been included in Forbes' "30 Under 30" list twice.



## 许晋诚 Michael Xu

帕西尼感知科技创始人兼CEO Founder and CEO of PaXini Tech

许晋诚,帕西尼创始人及CEO,日本早稻田大学工学博士。长期从 事传感器、灵巧手、人形机器人本体研发,具备丰富产业化经验,发表多 篇国际学术论文,拥有中外专利70余项。在许博士带领下,公司以突破 式6D霍尔阵列式多维触觉技术为核心,成功研发出具备15种感知维度 的高精度触觉传感器,打破欧美技术垄断,成为机器人领域唯一实现大 规模应用的触觉传感器研发供应商。帕西尼已获比亚迪、京东、北汽等 累计超10亿元融资,创全球触觉技术领域融资纪录。

Michael Xu, founder and CEO of PaXini Tech, holds a Ph.D. in Engineering from Waseda University in Japan. With extensive experience in multidimensional tactile sensors, dexterous hands, and robotics R&D, he has a strong industrial background, having published numerous international academic papers and secured over 70 patents in China and abroad. Under Dr. Xu's leadership, PaXini has pioneered breakthrough 6D Hall array-based multidimensional tactile technology, successfully developing high-precision tactile sensors with 15 perceptual dimensions. This innovation has broken the technological monopoly of Europe and the United States, establishing PaXini as the only tactile sensor supplier to achieve large-scale application in the robotics field. PaXini has secured cumulative funding of over 1 billion RMB from companies such as BYD, JD.com, and BAIC, setting a global record for financing in the tactile technology sector.



焦继超 John Jiao

优必选科技副总裁 Vice President, UBTECH

焦继超博士,现任优必选科技副总裁、研究院院长。全面负责优必选研究院日常管理与技术研发工作,主导具身智能及人形机器人技术自主创新、产品孵化与产业落地,协调内外部科研资源,推动构建全球顶尖人形机器人全栈技术体系。

他于北京理工大学获得博士学位,为美国亚利桑那州立大学访问学者。他曾作为主持人或主研人承担国家重点研发计划、国家863计划、国家自然科学基金等项目10余项,在国内外重要刊物和会议上发表论文50余篇,申请国家发明专利40余项,其中授权15项,参与起草国家与行业标准5项。

Dr. John Jiao is Vice President of UBTECH and Dean of the Research Institute. He is fully responsible for the daily management and technology R&D of UBTECH Research Institute. He leads the independent technological innovation, product incubation, and industrial implementation of embodied intelligence and humanoid robots. He coordinates internal and external research resources to promote the development of a world-leading full-stack humanoid robot technology system.

Dr. John Jiao earned his Ph.D. from Beijing Institute of Technology and was a visiting scholar at Arizona State University. He has led or served as a key researcher in more than 10 major national projects, including the National Key R&D Program, the National 863 Program, and initiatives supported by the National Natural Science Foundation of China (NSFC). He has published over 50 papers in prestigious domestic and international journals and conferences, filed more than 40 national invention patents (with 15 already granted) and participated in the drafting of five national and industry standards.