GBA International
Artificial Intelligence and Robotics Summit
粵 港 澳 大 灣 區 國 際 人 工 智 能 與 機 器 人 高 峰 會 2025

GBA International Artificial Intelligence and Robotics Summit 2025
粵港澳大灣區國際人工智能與機器人高峰會2025

The 4th edition of the GBA International Artificial Intelligence and Robotics Summit will be held on November 10, 2025. Supported by the HKSAR Government's initiatives in fostering an I&T hub, this summit convenes industry leaders and experts to explore how Embodied AI drives industrial transformation and shapes future applications. Under the theme, "Empowering Resilient Industries through Embodied AI," the event will present a rich agenda including 13 keynote speeches, dual parallel forums on Industry Application and Technology, and a 4-day humanoid robots and artificial intelligence exhibition.

Summit Highlights:

- Global experts from academia and industry across Switzerland, Germany, Italy, Japan, South Korea, and Chinese Mainland.
- Dual tracks dive into industry transformation and tech breakthroughs.
- Four-Day expo experience in Embodied AI and humanoid robots.

由生產力局主辦的第四屆粵港澳大灣區國際人工智能與機器人高峰會將於2025年11月10日舉行。香港特區政府積極推動國際創新科技中心建設,為人工智能與機械人產業發展提供堅實支持。峰會以「具身智能‧賦能產業新動能」為主題,探索具身智能如何驅動產業革新、塑造未來應用場景。本屆峰會亦為中華人民共和國成立76周年慶祝活動之一。

峰會亮點

- 雲集瑞士、德國、意大利、日本、韓國及中國內地權威專家與業界領袖
- 「行業應用」與「技術研討」平行論壇聚焦行業與核心技術
- 四天人工智能及人形機械人展覽最新研發成果

Agenda 議程

Opening Session 開幕式

09:30 – 10:00

Welcoming Speech 歡迎辭

Mr Emil YU Chen-on, BBS, JP
Deputy Chairman, Hong Kong Productivity Council
于健安先生, BBS, JP
香港生產力促進局副主席

Opening Speech 開幕辭

Prof Dong SUN, JP
Secretary for Innovation, Technology and Industry of the HKSAR Government
孫東教授JP
香港特別行政區政府創新科技及工業局局長

Keynote Sessions 主題演講

10:00 – 10:25

From AI to Embodied Intelligence: The Next Step in Robotics and Artificial Intelligence
從人工智能到具身智能：機械人與人工智能的未來

Prof Dario FLOREANO
Professor and Director, Laboratory of Intelligent Systems, Ecole Polytechnique Fédérale de Lausanne
洛桑聯邦理工學院智能系統實驗室主任

10:25 – 10:50

Physical and Social Human-Robot Interaction twith the iCub Humanoid - From Humanoids to Collaborative Robots
人形機器人到協作機器人：iCub人形機器人的物理與社交人機交互

Prof Giorgio METTA
Scientific Director, Italian Institute of Technology
意大利技術研究院科技總監

10:50 – 11:00   **Break 小休**

Agenda 議程

11:00 – 11:25

Physical AI Empowering Quadruped Robots: Pioneering Surveillance and Safety Solutions
具身智能賦能四足機械人：開創智能監控與安全防護新格局

Prof Jong-Hwan KIM
Professor Emeritus, School of Electrical Engineering, Korea Advanced Institute of Science and Technology
金鐘煥教授
韓國科學技術研究院電機工程系榮譽教授

11:25 – 11:50

From Skill Learning to Embodied Intelligence
從技能學習邁向具身智能

Prof Jan PETERS
Professor, Intelligent Autonomous Systems, Computer Science Department, Technical University of Darmstadt
達姆施塔特工業大學電腦科學系智能自主系統教授

11:50 – 12:15

Exploration and Practice of Embodied AI in Industrial Assembly Scenarios
具身人工智能在工業場景中的探索與實踐

Dr Dahai YU
General Manager, TCL Corporate Research (Hong Kong) Co., Ltd
俞大海博士
TCL工業研究院（香港）總經理

12:15 – 14:30

Lunch Break 午休

	Industry Keynote Session 行業主題論壇 📍Conference Hall 會議廳 (4/F)	Technology Keynote Session 技術主題論壇 📍SME One Foyer (G/F)
14:30 – 14:55	**Humanlike Avatars and the Future Society** 仿人類人形機械人重塑未來社會 **Prof Hiroshi ISHIGURO** Professor, Department of Systems Innovation, Osaka University Visiting Director, Hiroshi Ishiguro Laboratories, the Advanced Telecommunications Research Institute 石黑浩教授 大阪大學基礎工程研究科教授、ATR石黑浩特別研究所訪問室長	**Bayesian Learning and Bio-Inspired Autonomous Search in Aquatic Environment** 貝葉斯學習和水域環境下的生物自主搜索策略 **Prof Fumin ZHANG** Acting Head and Chair Professor, Department of Mechanical and Aerospace Engineering Director, Cheng Kar-Shun Robotics Institute, The Hong Kong University of Science and Technology 張福民教授 香港科技大學機械及航空航天工程學系署理主任及講座教授、鄭家純機器人研究院院長

	Industry Keynote Session 行業主題論壇 ◉Conference Hall 會議廳 (4/F)	Technology Keynote Session 技術主題論壇 ◉SME One Foyer (G/F)
14:55 – 15:20	**Breaking Down Barriers: How Human-Inspired Design Drives General-Purpose Robotics** 仿人化創新重建機器人能力邊界 **Mr Jason CHEN** Vice President of Business, Flexiv 陳仙勇先生 非夕科技業務總副裁	**Embodied Intelligence: Intelligent Technologies Originating from and Serving the Physical Industries** 具身智能 - 源於實體產業、服務實體產業的智能技術 **Dr Ning DING** Executive Associate Director, Shenzhen Institute of Artificial Intelligence and Robotics for Society Director, Guangdong Innovation Center for Embodied Intelligent Robotics 丁寧博士 深圳市人工智能與機器人研究院常務副院長 廣東省具身智能機器人創新中心董事長

Agenda 議程

	Industry Keynote Session 行業主題論壇 📍Conference Hall 會議廳 (4/F)	Technology Keynote Session 技術主題論壇 📍SME One Foyer (G/F)
15:20 – 15:45	**Embodied AI Revolution : Scene Revolution for Humanoid Robotics** 具身智能： 人形機械人產業落地與場景革命 **Ms Suzy LV** Marketing Director and Ontology R&D Leader, AgiBot X Series, AgiBot 呂蘇荷女士 智元機器人靈犀產品營銷總監 靈犀本體研發負責人	**Embodied AI and Robotics: Morphological Intelligence in Robotics** 形態智能與具身智能： 機械人學的未來進化 **Prof David NAVARRO** Associate Professor, Department of Mechanical Engineering, The Hong Kong Polytechnic University 毛大衛教授 香港理工大學工程學院 機械工程學系副教授
15:45 – 16:10	**Exploration and Practice in the Industrialisation of Embodied AI Robotics** 具身智能型機械人的產業化探索與實踐 **Mr Xuanlai TANG** Chief Technology Officer, KEENON Robotics Co., Ltd. 唐旋來先生 上海擎朗智能科技有限公司 首席技術官	**Data-Driven Learning for Robot** 數據驅動的實用機械人技能學習 **Prof Max YIN** Assistant Professor, Department of Data Science, City University of Hong Kong 殷鵬教授 香港城市大學數據科學學院助理教授
16:10 – 16:25	Break 小休	

Agenda 議程

	Industry Keynote Session 行業主題論壇 📍Conference Hall 會議廳 (4/F)	Technology Keynote Session 技術主題論壇 📍SME One Foyer (G/F)
16:25 – 17:00	**Panel Discussion 專題討論:** **Harnessing Embodied AI for the Future of Industrial Innovation** 釋放具身智能潛能的產業變革 **Compere 主持人** **Mr Chuck FUNG** General Manager Robotics and Artificial Intelligence Division, Hong Kong Productivity Council 馮國輝先生 香港生產力促進局機械人及人工智能部總經理 **Forum Panellist** **(in no particular order):** 嘉賓 (排名不分先後): **Professor Hiroshi ISHIGURO** Osaka University; Hiroshi Ishiguro Laboratories, the Advanced Telecommunications Research Institute 石黑浩教授 大阪大學 **Ms Suzy LV** AgiBot 呂蘇荷女士 靈犀本體智元機器人 **Mr Jason CHEN** Flexiv 陳仙勇先生 非夕科技 **Mr Xuanlai TANG** KEENON Robotics Co., Ltd. 唐旋來先生 上海擎朗智能科技有限公司	**Panel Discussion 專題討論:** **Bridging Theory and Practice: Real-World Insights into Advanced Robotic Skills** 從理論到實踐: 先進機械人技能的真實場景實現 **Compere 主持人** **Dr Lawrence CHEUNG** Chief Technology Officer, Hong Kong Productivity Council 張梓昌博士 香港生產力促進局首席技術總監 **Forum Panellist** **(in no particular order):** 嘉賓 (排名不分先後): **Professor Fumin ZHANG** 張福民教授 The Hong Kong University of Science and Technology 香港科技大學 **Prof David NAVARRO** 毛大衛教授 The Hong Kong Polytechnic University 香港理工大學 **Prof Max YIN** 殷鵬教授 City University of Hong Kong 香港城市大學
17:00	**End of the Programme 峰會完結**	

Prof Dario FLOREANO

Professor and Director, Laboratory of Intelligent Systems,
Ecole Polytechnique Fédérale de Lausanne
洛桑聯邦理工學院智能系統實驗室主任

Prof Dario Floreano is professor and director of the Laboratory of Intelligent Systems at Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. He holds an MS in Visual Psychophysics (1988), an MS in Neural Computation (1992), and a PhD in Evolutionary Robotics (1995). He was the founding director of the Swiss National Center of Competence in Robotics from 2010 to 2022.

A pioneer in evolutionary, aerial, and soft robotics, Prof Floreano's work focuses on abstracting embodied intelligence and morphological design principles from nature to engineer intelligent robots. He has held visiting appointments at Sony Computer Science Laboratory, Caltech/JPL, Harvard University, and Osaka University.

He is a member of the World Economic Forum Research Agenda Council, Max Planck Institute for Intelligent Systems, International Neural Network Society, and International Society of Artificial Life. With over 500 publications, 5 books, and several spun-off robotics companies to his name, he serves on the editorial boards of journals including

Dario Floreano教授現任瑞士洛桑聯邦理工學院（Ecole Polytechnique Fédérale de Lausanne, EPFL）智能系統實驗室教授暨主任。他於 1988 年取得視覺心理物理學碩士學位、1992 年獲神經運算碩士學位，並在 1995 年攻得演化機械人學博士學位。2010 年至 2022 年間，他擔任瑞士國家機械人卓越中心創始主任。

Dario Floreano教授是演化機械人學、空中機械人學及柔體機械人學領域的先驅，其研究核心在於從自然界中提煉具身智能與形態設計原理，進而研發智能機器人。他曾於索尼電腦科學實驗室、加州理工學院／噴氣推進實驗室（Caltech/JPL）、哈佛大學及大阪大學擔任訪問學者。

他現為世界經濟論壇研究議程委員會、馬克斯·普朗克智慧系統研究所、國際神經網絡學會及國際人工生命學會之會員。其學術成果包括 500 餘篇發表論文、5 本專著，並創立多家機械人衍生企業；同時擔任《科學·機械人學》（Science Robotics）等多家期刊的編輯委員會成員。他獲選為電機電子工程師學會（IEEE）、歐洲學習與智能系統實驗室聯盟（ELLIS）及歐洲計算與語言技術協會（ECLT）等國際頂尖機器人與人工智能領域學術團體的院士。

Prof Giorgio METTA

Scientific Director, Italian Institute of Technology
意大利技術研究院科技總監

Giorgio Metta is the Scientific Director of the Italian Institute of Technology (IIT).

He holds an MSc with honors (1994) and a PhD (2000) in electrical engineering from the University of Genoa. From 2001 to 2002 he was a postdoctoral associate at the prestigious AI-Lab at the Massachusetts Institute of Technology (MIT). He worked at the University of Genoa and was Professor of Cognitive Robotics at the University of Plymouth (UK) from 2012 to 2019. Since 2020 he has been Visiting Professor at the University of Manchester, UK.

He managed the relationships with funding bodies and international relations on behalf of IIT, and in this role he was a member of the board of directors of euRobotics aisbl, the umbrella association for European robotics. Giorgio Metta served as deputy scientific director of IIT from 2016 to 2019. He has coordinated participation in two of the Ministry of Economic Development's competence centers for Industry 4.0 (ARTES4.0, START4.0), for which he has served as a member of the Board of Directors and the Executive Board, respectively, until October 2023. He was one of the three Italian representatives at the 2018 G7 forum on Artificial Intelligence and, more recently, one of the authors of the Italian Strategic Agenda on Artificial Intelligence; he is a member of the Governing Board of Digital Innovation Hub Liguria, of the Scientific Council of Humane Technology Lab of the Catholic University, Scientific Advisor of A*STAR Singapore, member of the BoD of RAISE Scarl (a project funded by PNRR), of the Executive Board for Digital Next Generation of the Liguria Region, of the Scientific Technical Board of RINA S.p.A. and on the BoD of Gefran S.p.A. and the Board of Directors of Industrie De Nora S.p.A..

Giorgio Metta's research activities are in the field of bioinspired systems and humanoid robotics, with a focus on the design of machines that can learn from experience; he has authored or co-authored more than 300 scientific publications and worked as PI on about a dozen international and industrial research projects. He has coordinated the development of the iCub robot for more than a decade, making it the de facto platform of choice for research in AI; there are currently more than 50 robots in the world, in research labs as far as as Japan, China, Singapore, Germany, Spain, the UK and the US.

Giorgio Metta教授現任意大利理工學院（Italian Institute of Technology, IIT）科學總監。

他於 1994 年以優等成績獲得熱那亞大學電子工程碩士學位，並在 2000 年取得該校同領域博士學位。2001 年至 2002 年間，他擔任美國麻省理工學院（Massachusetts Institute of Technology, MIT）知名人工智能實驗室（AI-Lab）博士後研究員。其後曾任教於熱那亞大學，並於 2012 年至 2019 年擔任英國普利茅斯大學認知機械人學教授；2020 年起，出任英國曼徹斯特大學訪問教授。

Giorgio Metta教授曾代表 IIT 負責經費機構合作及國際關係事務，期間獲選為歐洲人總機械會（euRobotics aisbl）董事會成員。2016 年至 2019 年，他擔任 IIT 副科學總監，其後協調參與意大利經濟發展部兩個工業 4.0 卓越中心項目（ARTES4.0 及 START4.0），並分別擔任該兩個中心的董事會成員及執行董事會成員，任期至 2023 年 10 月。他曾為 2018 年七國集團（G7）人工智能論壇的三位意大利代表之一，亦參與編製《意大利人工智能戰略議程》；現時擔任利古里亞數碼創新中心董事會成員、天主教大學人文科技實驗室科學委員會成員、新加坡科技研究局（A*STAR）科學顧問、國家復甦與抗危計劃（PNRR）資助項目 RAISE Scarl 董事會成員、利古里亞大區數碼新一代執行董事會成員、意大利船級社（RINA S.p.A.）科學技術委員會成員，以及傑佛倫集團（Gefran S.p.A.）、德諾拉工業集團（Industrie De Nora S.p.A.）董事會成員。 Giorgio Metta教授的研究領域涵蓋仿生系統及人形機械人，專注研發可從經驗中學習的機械設計；他先後發表或聯合發表逾 300 篇學術論文，並擔任約 12 個國際及產業研究項目的首席研究員（PI）。他主導 iCub 機器人研發逾十年，使該機器人成為人工智能領域的主流研究平台 —— 目前全球已有超過 50 台 iCub 機器人，應用於日本、中國、新加坡、德國、西班牙、英國及美國等地的研究實驗室。

Prof Jong-Hwan KIM　金鐘煥教授

Professor Emeritus, School of Electrical Engineering,
Korea Advanced Institute of Science and Technology
韓國科學技術研究院電機工程系榮譽教授

Jong-Hwan Kim received his Ph.D. degree in Electronics Engineering from Seoul National University, Korea, in 1987. Since 1988, he has been with the School of Electrical Engineering at KAIST and is currently a professor emeritus.

In 2022, Dr. Kim founded dSPECTER Inc., which focuses on Embodied AI solutions, and serves as Chairman of the Board. His research interests include Physical AI, machine intelligence learning, and AI robots.

Dr. Kim has delivered over 200 invited talks on machine intelligence and robotics, including over 50 keynote speeches at international conferences. He has served as an Associate Editor for IEEE Transactions on Evolutionary Computation and the IEEE Computational Intelligence Magazine.

Dr. Kim was one of the co-founders of the International Conference on Simulated Evolution and Learning in 1996 and the International Conference on Robot Intelligence Technology and Applications (RiTA) in 2012. His name was included in Baron's 500 Leaders for the New Century in 2000 as the Father of Robot Football.

金鐘煥教授於 1987 年獲得韓國首爾國立大學電子工程學博士學位。自 1988 年起，他加入韓國科學技術院（KAIST）電氣工程學院任教，現為榮譽教授。

2022 年，金鐘煥教授創立專注於具身人工智能（Embodied AI）解決方案的 dSPECTER 股份有限公司，並擔任董事會主席。他的研究範疇包括物理人工智能（Physical AI）、機器智能學習及人工智能機械人。

金鐘煥教授已就機器智能及機器人領域發表超過 200 場邀請演講，當中包括 50 餘場國際會議主旨演講。他曾擔任《IEEE 演化計算彙刊》（IEEE Transactions on Evolutionary Computation）及《IEEE 計算智能雜誌》（IEEE Computational Intelligence Magazine）的副主編。

1996 年，金鐘煥教授聯合創辦「國際模擬演化與學習會議」（International Conference on Simulated Evolution and Learning）；2012 年，再聯合創辦「國際機械人智能技術與應用會議」（Robot Intelligence Technology and Applications, RiTA）。2000 年，他以「機械人足球之父」的身份入選《巴倫周刊》（Baron's）「新世紀 500 位領袖」名單。

Prof Jan PETERS

Professor, Intelligent Autonomous Systems,
Computer Science Department, Technical University of Darmstadt
達姆施塔特工業大學電腦科學系智能自主系統教授

Prof Jan Peters is a full professor (W3) for Intelligent Autonomous Systems at the Computer Science Department of the Technische Universitaet Darmstadt since 2011, and, at the same time, he is the dept head of the research department on Systems AI for Robot Learning (SAIROL) at the German Research Center for Artificial Intelligence (Deutsches Forschungszentrum für Künstliche Intelligenz, DFKI) since 2022. He is also is a founding research faculty member of the Hessian Center for Artificial Intelligence. Prof Jan Peters has received the Dick Volz Best 2007 US PhD Thesis Runner-Up Award, the Robotics: Science & Systems - Early Career Spotlight, the INNS Young Investigator Award, and the IEEE Robotics & Automation Society's Early Career Award as well as numerous best paper awards. In 2015, he received an ERC Starting Grant and in 2019, he was appointed IEEE Fellow, in 2020 ELLIS fellow and in 2021 AAIA fellow.

Prof Jan Peters has already nurtured a series of outstanding young researchers into successful careers. These include new faculty members at leading universities in the USA, China, Japan, Germany, Finland and Holland, postdoctoral scholars at top computer science departments (including MIT, CMU, and Berkeley) and young leaders at top AI companies (including Amazon, Boston Dynamics, Google and Facebook/Meta).

Prof Jan Peters has studied Computer Science, Electrical, Mechanical and Control Engineering at TU Munich and FernUni Hagen in Germany, at the National University of Singapore (NUS) and the University of Southern California (USC). He has received four Master's degrees in these disciplines as well as a Computer Science PhD from USC. Jan Peters has performed research in Germany at DLR, TU Munich and the Max Planck Institute for Biological Cybernetics (in addition to the institutions above), in Japan at the Advanced Telecommunication Research Center (ATR), at USC and at both NUS and Siemens Advanced Engineering in Singapore. He has led research groups on Machine Learning for Robotics at the Max Planck Institutes for Biological Cybernetics (2007-2010) and Intelligent Systems (2010-2021).

Jan Peters教授自 2011 年起擔任德國達姆施塔特工業大學（Technische Universitaet Darmstadt）電腦科學系智能自主系統領域終身教授（W3 級），並於 2022 年起同時兼任德國人工智能研究中心（Deutsches Forschungszentrum für Künstliche Intelligenz, DFKI）「機械人學習系統人工智能」（SAIROL）研究部門主任。他亦為黑森州人工智能中心（Hessian Center for Artificial Intelligence）的創始研究學者。Jan Peters 教授曾榮獲 2007 年狄克·沃爾茲美國最佳博士論文亞軍獎、機械人技術：科學與系統領域早期職業聚焦獎、國際神經網絡學會青年研究者獎、IEEE 機器人與自動化學會早期職業獎，以及多項最佳論文獎。2015 年，他獲得歐洲研究理事會（ERC）啟動資助；2019 年當選 IEEE 院士，2020 年當選 ELLIS 院士，2021 年當選 AAIA 院士。

Jan Peters 教授已培育眾多傑出青年學者在學術與產業界嶄露頭角。其中包括任教於美國、中國、日本、德國、芬蘭、荷蘭等國頂尖大學的新制教師，任職於麻省理工學院（MIT）、卡內基梅隆大學（CMU）、加州大學伯克利分校等頂尖電腦科學系的博士後研究員，以及任職於亞馬遜、波士頓動力、谷歌、臉書（Meta）等頂尖人工智慧企業的青年領軍人才。

彼得斯教授曾就讀於德國慕尼黑工業大學、哈根開放大學、新加坡國立大學（NUS）及美國南加州大學（USC），攻讀電腦科學、電子工程、機械工程與控制工程領域學位，並獲得該四大領域的碩士學位及南加州大學電腦科學博士學位。他的研究經歷遍布多國頂尖機構，包括德國航空太空中心（DLR）、慕尼黑工業大學、馬克斯·普朗克生物控制學研究所、日本先進通訊研究實驗室（ATR）、美國南加州大學、新加坡國立大學及西門子高級工程師學院。2007 年至 2010 年，他領導馬克斯·普朗克生物控制學研究所「機械人機器學習」研究團隊；2010 年至 2021 年，轉任馬克斯·普朗克智能系統研究所同領域研究團隊負責人。

Dr Dahai YU 俞大海博士

General Manager,
TCL Corporate Research (Hong Kong) Co., Ltd
TCL工業研究院(香港)總經理

Dr Yu Dahai is the General Manager of TCL Corporate Research (HK) Co., Ltd. His research areas include AI, computer vision, pattern recognition, machine learning, and related fields. Dr. Yu has over ten years of experience in senior positions at international corporations, leading AI research and development across various industries including security inspection, smart home appliances, smart homes, intelligent manufacturing, and smart displays.

Dr Yu has received numerous honors, including awards from the China Federation of Logistics & Purchasing and the Railway Administration. He holds dozens of patents and has published multiple academic papers in EI/SCI journals and international conferences, winning best paper awards at conferences on multiple occasions.

俞大海博士現任香港工業研究院（香港）總經理。他的研究領域包括人工智能，計算機視覺，模式識別，機器學習等。俞博士十多年在國際企業擔任要職，領導多個行業的人工智能研發团队，涉及安全檢測、智能家電、智慧家居、智能製造、智能顯示等多個領域。

俞博士曾獲多項殊榮，包括中國物流與採購聯合會和鐵路局的獎項。擁有數十項專利，在EI/SCI期刊和國際會議發表多份學術論文，並多次獲得會議最佳論文獎項。

Prof Hiroshi ISHIGURO　石黑浩教授

Professor, Department of Systems Innovation, Osaka University
Visiting Director, Hiroshi Ishiguro Laboratories,
Advanced Telecommunications Research Institute
大阪大學基礎工程研究科教授、ATR石黑浩特別研究所訪問室長

Hiroshi Ishiguro received a Ph. D. from Osaka University, Japan in 1991. He is currently Professor of Department of Systems Innovation at Osaka University, Visiting Director of Hiroshi Ishiguro Laboratories at the Advanced Telecommunications Research Institute (ATR), Project Manager of MOONSHOT R&D Project, Thematic Project Producer of EXPO 2025 Osaka, Kansai, Japan, and CEO of AVITA, Inc. His research interests are interactive robotics, avatar, and android science. Geminoid is an avatar android that is a copy of himself. In 2011, he won the Osaka Cultural Award. In 2015, he received the Prize for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology. He was also awarded the Sheikh Mohammed Bin Rashid Al Maktoum Knowledge Award in Dubai in 2015. Tateisi Award in 2020, and honorary doctorate of Aarhus university in 2021.

石黑浩（Hiroshi Ishiguro）教授於 1991 年獲得日本大阪大學博士學位。他現任大阪大學系統創新學系教授、先進通訊研究實驗室（ATR）石黑浩實驗室訪問主任、日本「moonshot 研發計劃」項目經理、2025 年日本大阪關西世界博覽會主題項目策劃總監，以及 AVITA 股份有限公司首席執行官（CEO）。其研究範疇包括互動機械人學、虛擬化身（avatar）及仿生人類科學（android science），其中「Geminoid」便是以其本人為原型研發的仿生人虛擬化身。石黑浩博士於 2011 年榮獲大阪文化獎，2015 年分別獲頒日本文部科學省科學技術獎及杜拜穆罕默德．本．拉希德．阿勒馬克圖姆知識獎，2020 年獲得立石獎，並在 2021 年獲丹麥奧胡斯大學授予榮譽博士學位。

Prof Fumin ZHANG　張福民教授

Acting Head and Chair Professor, Department of Mechanical and Aerospace Engineering Director, Cheng Kar-Shun Robotics Institute, The Hong Kong University of Science and Technology
香港科技大學機械及航空航天工程學系署理系主任及講座教授、
鄭家純機器人研究院院長

Prof Fumin Zhang received the B.S. and M.S. degrees from Tsinghua University, Beijing, China， in 1995 and 1998, respectively. He received a PhD degree in 2004 from the University of Maryland (College Park) in Electrical Engineering, and held a postdoctoral position in Princeton University from 2004 to 2007. Prof. Zhang joined the Georgia Institute of Technology in 2007 s Professorship in the School of Electrical and Computer Engineering before 'and held Deanjoining the Hong Kong University of Science and Technology in 2023. His research interests -include marine robotics and autonomous systems, mobile sensor and actuator networks, bioautonomy interaction and integration. He -nspired distributed active perception, and humanireceived the NSF CAREER Award in September 2009 and the ONR Young Investigator Program Award in April 2010.

張福民教授於1995、1998年在清華大學先後獲得學士學位、碩士學位。他於2004年獲得馬里蘭大學（派克分校）電氣工程博士學位，並於2004年至2007年在普林斯頓大學從事博士後研究。張教授於2023年加入香港科技大學，在此前擔任美國喬治亞理工學院電機及電腦工程學院的院長教授，及該校的決策及控制實驗室主任。他的研究專長包括海洋機器人與自主系統、移動感測器與執行器網路、生物啟發的分散式主動感知以及人與自主系統的交互與集成。張教授於2009年獲得美國國家科學基金會CAREER獎，2010年獲得美國國家航空和航天局青年研究員計畫獎，並在國際、國家和機構層面獲得多項榮譽和獎勵。

Mr Jason CHEN 陳仙勇先生

Vice President of Business, Flexiv
非夕科技業務副總裁

Jason Chen is a seasoned leader in robotics and embodied intelligence with over 16 years of experience. A graduate of Fudan University (M.S.) and a recognized "Shanghai Chunshen Pyramid Talent," he previously served in senior management at Fortune 500 leader ABB China. Jason is at the forefront of commercializing robotics and embodied AI, with deep expertise in industrial and collaborative robots, adaptive robotic hands, and the development of embodied AI systems powered by large-scale physical world models and force-centric manipulation. He has extensive experience in deploying automation and intelligent digital systems for large-scale industrial production.

陳仙勇,碩士畢業於覆旦大學。上海市春申金字塔人才。曾在世界500強ABB擔任中國區高管,機器人行業從業16年,主要從事機器人及具身智能技術規模商業化推廣落地,從業經驗包括工業機器人,協作機器人以及仿生人手自適應機器人,與物理世界大模型及以力為中心的操作大模型的具身智能大腦領域。工業領域大規模生產自動化,數字化智能化部署有豐富的經驗。

Dr Ning DING 丁寧博士

Executive Associate Director, Shenzhen Institute of Artificial Intelligence and Robotics for Society Director
Guangdong Innovation Center for Embodied Intelligent Robotics
深圳市人工智能與機器人研究院常務副院長
廣東省具身智能機器人創新中心董事長

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. 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 SAC/SWG13 National Standard Working Group on Special Robot, 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 60 papers and 5 national standards on special robots. He has been granted more than 60 authorized invention patents and 2 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.

丁寧，博士，研究員，畢業于香港中文大學機械與自動化工程學系，研究方向為特種機器人與電腦視覺。現任深圳市人工智能與機器人研究院常務副院長，香港中文大學（深圳）機器人與智能製造研究院副院長，廣東省具身智能機器人創新中心主任，廣東省具身智能機器人工程技術研究中心主任，廣東省粵港澳高校城市運維特種機器人聯合實驗室主任。

同時擔任TC591/SC1全國機器人標準委員會特種設備用機器人分技術委員會委員、TC591/WG02全國人形機器人標準工作組委員、NEA/TC35能源行業電力機器人標準化技術委員會委員、中國儀器儀錶學會智能車與機器人專業委員會副主任、中國儀器儀錶學報編委、中電聯電力機器人專家委員會委員及副秘書長、廣東省人工智慧與機器人學會理事等。主持或參與國自然基金重大研究計畫課題、國自然區域聯合重點課題、973專案子課題，863課題，住建部課題、廣東省基金粵柱聯合重點專案、深圳市基礎研究重點項目，深圳市可持續發展專項等重點科技專案。發表國際會議與期刊論文80餘篇，授權發明專利70余項及國際專利2項，參與編制並發佈特種機器人領域國家標準6項，在編地方標準2項。獲得深圳市海外高層次人才，獲得IEEE IROS2021最佳應用論文獎及最佳機構與設計獎提名、2024年吳文俊科技進步二等獎、2023年機械工業科技進步獎二等獎等獎項。

Prof David NAVARRO 毛大衛教授

Associate Professor, Department of Mechanical Engineering,
The Hong Kong Polytechnic University
香港理工大學工程學院機械工程學系副教授

David received his PhD degree in Mechanical and Automation Engineering from The Chinese University of Hong Kong (CUHK) in 2014 under the supervision of Prof. Yun-hui Liu. After graduation, he joined the CUHK T Stone Robotics Institute, first as a Postdoctoral Fellow and later as a Research Assistant Professor (2014-2017). Since 2017, he has been with The Hong Kong Polytechnic University (PolyU), where he is currently an Associate Professor of Robotics at the Department of Mechanical Engineering. At PolyU, he leads the Robotics and Machine Intelligence Laboratory (ROMI Lab); His research focuses on fundamental problems involving the planning, learning, and control of robot motion tasks. He is also an Investigator of the Research Institute of Smart Ageing (RISA) and a Fellow of the Institute for Higher Education Research and Development (IHERD). He has also held visiting positions at foreign universities, such as the Technical University of Munich, Germany, and the University of Toulon, France. David is a Senior Member of the IEEE and currently serves as an Associate Editor of the IEEE Transactions on Robotics (T-RO), IEEE Robotics and Automation Magazine (RA-M), and a Technical Editor of the IEEE/ASME Transactions on Mechatronics (T-MECH). At PolyU, David teaches both undergraduate and postgraduate courses in robotics, nonlinear dynamics, and control systems. His innovative approaches to education, particularly in developing flipped classrooms and digital platforms for online learning, have earned several teaching awards.

毛大衛教授現為香港理工大學機械工程學系副教授、機器人與機器智能實驗室（ROMI Lab）主任。他於2014年獲香港中文大學機械與自動化工程學哲學博士學位，師從劉雲輝教授，其後於中大天石機器人研究所擔任博士後研究員及研究助理教授。

毛教授的研究聚焦於機器人運動任務中的規劃、學習與控制等核心領域。他同時為理大智慧老齡化研究院成員及高等教育研究與發展院院士，並曾以訪問學者身份赴德國慕尼黑工業大學及法國土倫大學進行學術交流。

毛教授為IEEE高級會員，現擔任《IEEE機器人學匯刊》及《IEEE機器人與自動化雜誌》副編輯，並兼任《IEEE/ASME機電一體化匯刊》技術編輯。他在理大講授本科及研究生課程，範疇涵蓋機器人學、非線性動力學與控制系統，其創新的教學方法曾獲多項殊榮。

Mr Xuanlai TANG　唐旋來先生

Chief Technology Officer, KEENON Robotics Co., Ltd.
上海擎朗智能科技有限公司首席技術官

Tang Xuanlai is the current Chief Technology Officer of KEENON Robotics, holding a Master's degree in Control Theory and Control Engineering from the School of Artificial Intelligence and Automation at Huazhong University of Science and Technology. He is a member of the International IEC/TC125 Standardization Committee and the ULTC3300 Technical Committee. Specializing in the R&D of embodied service robots and AI systems, Tang has led his team to achieve the full commercialization of service robots at a scale of 100,000 units, pioneering the effort from scratch.

唐旋來，現任擎朗智能首席技術官，畢業于華中科技大學人工智能與自動化學院，獲控制理論與控制工程碩士學位，國際IEC/TC125標準委員會成員，ULTC3300技術委會成員。專注於具身服務機器人和AI系統的研究與開發，帶領團隊從0-1率先實現十萬台規模的商用服務機器人的商業化

Ms Suzy LV　呂蘇荷女士

Marketing Director and Ontology R&D Leader,
AgiBot X Series, Agibot
智元機器人靈犀產品營銷總監靈犀本體研發負責人

Worked as a Laser Radar Systems Engineer at DJI, and also held the position of Reliability Manager for DJI's Consumer and Handheld Product. Additionally, she has experience as a Reliability Design Engineer in Automotive Electronics at Bosch.

曾擔任大疆激光雷達系統工程師，大疆消費線、手持線可靠性負責人以及博世汽車電子可靠性設計工程師。

Prof Max YIN 殷鵬教授

Assistant Professor, Department of Data Science,
City University of Hong Kong
香港城市大學數據科學學院助理教授

Prof Max YIN is innovator specializing in artificial intelligence, robotics, and embodied intelligence. Prof YIN is currently an Assistant Professor at City University of Hong Kong and founder of CyberOrigin. He holds a Doctor Degree in Mechatronics Engineering from Chinese Academy of Sciences and previously served as Project Scientist at Carnegie Mellon University's Robotics Institute, where he contributed to DARPA SubT Challenge, NASA Mars Landing, and NVIDIA Lifelong Navigation projects.

Prof Yin has also been reviewer for IEEE Transactions on Industrial Electronics (TIE), IEEE Transactions on Intelligent Transportation Systems(TITS), IEEE Transactions on Robotics(T-RO), IEEE Robotics and Automation Letters (R-AL), IEEE International Conference on Robotics and Automation (ICRA), International Conference on Intelligent Robots and Systems (IROS), and Robotics : Science and Systems (RSS).

Professor Yin leads the General Autonomous Intelligent Robotics Laboratory (GAIRLAB), focusing on robotic localization, mapping, navigation, and decision-making. The lab's Cyberbox architecture provides high-precision positioning and navigation, with applications deployed in autonomous driving systems in both China and the US through industry collaborations in autonomous driving in mining area and crowdsourced mapping.

殷鵬（Peng Yin），香港城市大學助理教授，賽源創始人（CyberOrigin），具身智能專家，IEEE Member, 中國科學院瀋陽自動化所博士，前卡內基梅隆大學機器人研究所專案科學家，DARPA SubT地下機器人挑戰賽、NASA火星登陸項目高級顧問。長期承擔前沿機器人系統解決方案。在IEEE T-RO, RSS 等多個機器人頂會頂刊發表論文，其中以一作身份發表機器人頂刊IEEE T-RO 五篇。由殷鵬教授領導的蓋爾實驗室（GAIRLAB），依託六年多的具身機器人研究經驗，專注於複雜環境下機器人與人工智能領域的前沿探索，致力於提升大規模多機器人系統在定位、建模、感知和決策等方面的能力。實驗室研發的通用機器人軟硬體架構Cyberbox，集成了雷射雷達、360相機和IMU，為機器人提供高精度定位與導航支持GAIRLAB與國內外領先企業在礦區無人駕駛、城市眾包地圖和車路協同系統等領域展開深度合作，其研究成果已在中美兩國的無人駕駛應用中廣泛落地。實驗室在高精度定位、眾包地圖、多機器人協同規劃、終身學習等領域取得了世界領先的成果，持續推動著通用機器人技術的創新與發展。於此同時，賽源是一家專注於具身大模型和具身資料的通用機器人公司，目前客戶涵蓋行業頭部AI公司和實體機器人企業；成立半年以來，已提供300萬機器人專用資料提供和配套模型訓練。長期合作夥伴來自，卡內基梅隆大學，斯坦福大學，UC伯克利大學，Google和Meta。

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