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中国环境科学学会碳排放交易专业委员会 专委会委员
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复旦大学、香港理工大学、香港科技专上书院 客座教授/专业学位行业导师
深圳数据经济研究院·金牛资产管理研究中心 客座研究员

李栩然博士是中国银河国际控股有限公司的执行董事，他成立了香港所有中资金融机构中第一个碳业务部门。他负责创建并管理一个团队，开发创新的碳业务、绿色和可持续金融产品，并推动跨境碳交易。他带领团队打造了全国第一个跨境碳期货产品，并筹备国内首个“保险+碳期货”产品，为国内企业提供了应对碳关税的金融工具，其中“欧盟碳排放期货合约跨境收益互换（TRS）”获年粤港澳大湾区绿色金融优秀案例中荣获先锋奖、香港中国金融协会“卓越跨境金融服务大奖”荣获最佳方案奖以及 2023 年度 IFF 全球绿色金融奖·创新奖；牵头完成全球首只运用“无人机+碳卫星”认证的绿色债券发行;成功推动国内首单“一元碳汇”跨境销售，并获得香港中国金融协会“卓越跨境金融服务大奖”荣获特等奖；建立了第一支 QFLP 跨境碳基金，是首支北向资金参与服务境内碳市场发展的基金；参与南方东英银河—联昌富时亚太低碳指数 ETF 的发行，是全球首只覆盖亚太地区的低碳 ETF 及新交所有史以来上市募资规模最大的股权 ETF。他是中国环境科学学会碳达峰碳中和专业委员会第一届委员之一，并在 2023 年中国环境科学学会碳排放交易专业委员会成立大会暨中国碳市场发展研讨会中被选举为碳交易专委会委员，也是香港能源服务公司协会的秘书长,并获邀作为专家加入香港金融发展局碳市场机遇工作组。

他是一位双碳创新、人工智能和气候变化专家。他在碳和能源行业有近 15 年的经验。他是碳市场的先驱和研究者。他在双碳创新领域有丰富的理论创新及落地实践经验，包括气候变化、碳金融、碳资产管理、电力市场及科技创新。他发表了 10 多篇 SCI 论文，其中 4 次在征文比赛中获奖，早在 2012 年他就在国际顶刊 IEEE Transactions on Power Systems 中提出碳交易、电力交易及绿证等多市场的联动下企业的智能决策框架。他曾在香港创建并管理了一个团队并制定了香港第一套以碳减排产品为交易标的的平台规则并撮合完成了香港有史以来的第一笔碳交易。他曾受聘作为香港政府中央政策组资助的 "内地排放交易研究：香港的选择 "的项目工作组专家。他所管理的团队开发并投资了第一批林业碳汇 CCER 项目，该项目也被作为中国碳汇项目的贷款抵押品。

他曾领导香港政府机电工程署的一个创新团队，主要职责是管理和经营创新和技术项目。他成功地发明、开发并实现项目"用于电梯自适应智能状态监测的非侵入式数据分析系统"从 0 到 1 的落地，该项目已申请香港专利（专利号：HK30012023）、美国专利（申请号：17/098,562）和 PCT 专利（申请号：PCT/CN2020/128946），并获得许多香港和国际奖项。

Ir Dr Ivan Li PhD

Charter Engineer, Certified Carbon Reduction Manager, MIET

Executive Director - China Galaxy Holdings Company Limited

Honorary Secretary - Hong Kong Association of Energy Service Companies

Member, Emission Peak and Carbon Neutrality Professional Committee of the China Society for Environmental Sciences

Member, Carbon Trading Professional Committee of China Society for Environmental Sciences

Member, FSDC Working Group on Carbon Market Opportunities

Visiting Lecturer - Fudan University/ The Hong Kong Polytechnic Unoniversity/ Hong Kong Insitute of Technology

Dr. Ivan LI is an Executive Director in China Galaxy International Holding limited and found the first carbon business department among all Chinese Financial Institutions in Hong Kong. He managed a team to develop innovative carbon business, green & sustainable finance products and promoting cross-border carbon trading. He led the team to create the first cross-border carbon futures product and the first domestic "Insurance + carbon futures" product, providing domestic enterprises with financial tools to hedging the CBAM risk. Among them, the "EU Carbon Emission Futures Contract Cross-Border Return Swap (TRS)" received the Pioneer Award in the Annual Green Finance Excellence Cases of the Greater Bay Area of Guangdong, Hong Kong, and Macau, the Best Solution Award in the Hong Kong China Finance Association's "Excellence in Cross-Border Financial Services Awards.", as well as 2023 The IFF Global Green Finance Award- Innovation Award. He took lead to issue the world's first green bond using "drone + carbon satellite" certification. He successfully facilitated the first cross-border sale of "one-Yuan carbon offset project" and was awarded the Special Excellence Award in the Hong Kong China Finance Association's "Excellence in Cross-Border Financial Services Awards." He designed the first QFLP cross-border carbon fund, which is the first northbound fund to participate in serving the development of the domestic carbon market; and participated in the launch of the Asia Pacific Low Carbon Index ETF, which is the world's first low carbon ETF covering the Asia Pacific region and the largest equity ETF listed on the SGX. He is one of the members of the first session of the Emission Peak and Carbon Neutrality Professional Committee of the China Society for Environmental Sciences. In the China Society for Environmental Sciences Carbon Emission Trading Professional Committee Establishment Conference and China Carbon Market Development Seminar, he was elected as a member of the Carbon Trading Professional Committee. He is also the Secretary General of the Hong Kong Energy Services Association and has been invited to join the Hong Kong Finance Development Council's Carbon Market Opportunities Task Force as an expert.

Ivan is a carbon, AIOT and smart grid expert working in carbon and energy industry for about 15 years. He is the pioneer and researcher of carbon market. His has extensive practical experience in climate change, carbon finance, carbon asset management, energy market and fintech innovation. He has published more than 10 SCI papers, which won 4 times in essay contests. He founded and managed a team in Hong Kong for building of the platform for the trade of emission reduction products, which also known as the first trading platform in Hong Kong regarding emission. He was the task force of “study on emission trading in the mainland: option for Hong Kong” which funded by Central Policy Unit (CPU). The team under his management developed and invested to the first batch of CCER projects, that was also pledged as collateral for loans in China carbon sink project.

He has lead an innovation team in Electrical and Mechanical Services Department (EMSD) of Hong Kong Government. His key responsibility was to manage and administer of innovation and technology project. He successfully invented, developed and brought the AIOT project "Non-Intrusive Data Analytics System for Adaptive Intelligent Condition Monitoring of Lifts" from 0 to 1, which has filed Hong Kong patent (Patent No.: HK30012023) , US patent (Application No. 17/098,562) and PCT patent (Application No.: PCT/CN2020/128946), and won lots of Hong Kong and International awards.

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