中文简历：

罗智泉

罗智泉教授是中国工程院外籍院士、加拿大皇家科学院院士、香港中文大学（深圳）副校长、深圳市大数据研究院院长、深圳河套学院执行院长、香港中文大学（深圳）—深圳市大数据研究院—华为未来网络系统优化创新实验室主任。他于 1984 年获北京大学数学系学士学位，1989 年获美国麻省理工学院电子工程与计算机科学系运筹学博士学位。他是 SIAM 会士和 IEEE 会士以及 IEEE 信号处理期刊主编（2012-2014）。

罗智泉教授的学术成果包括无线通信的收发机优化设计、最优鲁棒波束成形设计、动态频谱管理等，相关论文分别获得 2004 年、2009 年、2011 年和 2015 年 IEEE 信号处理学会、2011 年国际通信大会、欧洲信号处理学会以及 2020 年世界华人数学家联盟最佳论文奖。因在优化理论领域的卓越贡献，他于 2010 年获美国运筹和管理科学协会 Farkas 奖，2018 年获国际数学优化学会 Tseng 纪念奖，2022 年获中国工业与应用数学学会第一届王选应用数学奖，2023 年获深圳市科技进步奖一等奖以及 2025 年 ICCM 首届华罗庚奖。

2020 年，挑战网络效能最大化的难题，他开创性地提出了数据驱动的网络优化技术路线和算法框架，成功将数据驱动网络统计模型与人工智能技术深度融合。成果被华为 GTS 认定为"根技术"，目前已成功应用于 30 多个国家的无线网络，优化超过 180 万个基站，显著提升了网络性能。该技术不仅惠及全球四分之一人口，还为电信运营商大幅降低了运营成本和碳排放，产生了显著的经济效益和社会效益。

CV Zhi-Quan (Tom) Luo

Zhi-Quan (Tom) Luo (Fellow, IEEE and SIAM) received the B.S. degree in Applied Mathematics from Peking University and the Ph.D. degree in Operations Research from the Massachusetts Institute of Technology (MIT) in 1989. From 1989 to 2003, he was on the faculty of the Department of Electrical and Computer Engineering at McMaster University, Canada, where he held a Tier-1 Canada Research Chair in Information Processing (2001–2003). He subsequently joined the University of Minnesota as a Full Professor and the endowed ADC Chair in Digital Technology. Currently, He is Vice President (Academic) at The Chinese University of Hong Kong, Shenzhen, and serves as the Director of the Shenzhen Research Institute of Big Data (SRIBD) and Executive Director of the Shenzhen Loop Area Institute.

Professor Luo was elected a Fellow of the Royal Society of Canada in 2014 and a Foreign Member of the Chinese Academy of Engineering in 2021. His honors include four IEEE Signal Processing Society Best Paper Awards, a EUSIPCO Best Paper Award, the 2020 ICCM Best Paper Award, the Farkas Prize from INFORMS, the Paul Y. Tseng Memorial Lectureship Prize, the inaugural CSIAM Wang Xuan Applied Mathematics Prize (2022), the Shenzhen Science and Technology Progress Award (First Class, 2023), and the Hua Prize (2025). He served as Editor-in-Chief of the IEEE Transactions on Signal Processing (2012–2014) and as an Associate Editor for several leading journals.

In 2020, Professor Luo pioneered a data-driven approach to network optimization that integrates statistical network models with artificial intelligence. This methodology has been deployed in more than 30 countries to optimize 1.8 million base stations, improving wireless network performance for roughly one quarter of the global population while substantially reducing operators' costs and carbon emissions, thereby delivering significant economic and societal impact worldwide.