

## Dr. Ir. Rosiah Ho, CEng, CPEng & RPEng

**Dr. Ir. Rosiah Ho** has over 20+ years of experience in both industry & higher education sector of HKSAR. Before he joined Lingnan, Dr. Ho has led & implemented many mission critical & international well-known ICT infrastructure & inter-networking projects in HK and overseas. He is now working in Lingnan University (LU) as the **Associate Director of LEO Dr David P. Chan Institute of Data Science & Special Coordinator of Knowledge Transfer & Industrial Liaison for Greater Bay Area & HK** specializes in the field of **transforming & applying University's knowledge & researches into the wider-community via U2I collaboration and application**. Dr. Ho is committed to proactively contribute & link with the community by transforming academic research to applicative researches for the best benefit of the society and envision knowledge transfer as the core pillar of the University. He has taken up prime responsibility, leadership and the role of chief architect in the design, implementation and management of the University Facility Wide Campus Network (FWCN) during his experience in ITSC and to lead different teams & sections to render timely, high quality & professional supporting services to the University users. He is a seasoned **chartered & professional engineer** in **IEE(UK), HKIE, & BCS(UK)** and has represented the university in various consortiums, forums, committees & task forces.



### Research/Project Interest

Emerging/Innovative Technologies and Digital Transformation Planning, Designing & Implementation Strategies  
SmartCity/AI/Deep Learning/Data-Mining/Fintech/Distributed Identity/Blockchain/i-Commerce  
IT/IS RegTech, Compliance, Innovation Management for Commercialization  
Knowledge Transfer & Innovation Management Initiatives  
BigData Analytics/Cyber Security and Laws  
Intellectual Properties/IP Commoditization

### Knowledge Transfer & Industrial Liaison Projects

- Smart Toilet: The Use of AIoT and Predictive maintenance Strategy (Co-PI) HKD2.5M from ITF HKG (Sept, 19)
- Setting up/Supporting the LEO Dr David P. Chan Institute of Data Science & Lab (Aug, 19, Onward)
- Chief Executive Community Fund: Social Innovation & Socialpreneurs Development: Smart Ageing with Gerontechnology (Co-PI), Funding from HKJC of HK19.2M (Aug, 18 to Present)
- Smartcity: How Bigdata Reinvent HK Future (collaboration with Smart City Consortium (Dec, 18)
- Develop Digital Marketing Talents via the U2I Collaborative Approach (Jun, 19)
- The Application of GIS in Students' Experiential Learning on a Smart Green Campus (Mar, 19)
- Executive eCommerce & FinTech Conference for HK Enterprises (Nov, 17)
- Commoditization of Program Outcome-Base Management System (POMS) (Dec, 18)
- Executive e-Commerce & FinTech seminars for HK Enterprises (Nov, 17)
- The Trend of e-ID Development (Sept, 16)
- Wider Adoption of e-Cheque and Digital Signature in Business Seminar (Aug, 16)
- SmartCity and Smart Id under Belt & Road Initiative: PKI and Authentication (Jul, 16)
- The New Landscape of Digital Evidence, Social Media and Cyber Security (Feb, 16)
- The Trend of e-ID Development 「網絡電子身份應用發展勢」 (Sept, 16)
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### Researches/Projects and Publications

- Sept-18 to present: "Social Innovation & Socialpreneurs Development: Smart Ageing with Gerontechnology (Sharing Economy)" Special Fund from HK Chief Executive of HK 1.96M
- Oct-18 to present: "Smart Toilet: The Use of AIoT and Predictive Maintenance Strategy" ITF Funding from HKG
- Apr-17 to Aug-18: Knowledge Discoveries of Outcome Based Assessment as Enhancement of POMS System
- May-16 to Aug-17: Survey Research on Territory Wide Adoption, Deployment, Planning of Emerging Technology for Teaching, Learning and Researching for Higher Education of HKSAR and Macau
- Oct-15 to Feb-18: Visualizing the Value Addedness of Students OBA Performance: Using Data Visualization
- Jun-87 to Jan-90: Year Round Energy Estimation for a Typical Office Environment with Consideration of the Heat & Moisture Transfer Effect During Intermittent Operation of Centrifugal Chillers" Period
- Dec-05 to Jan-08: Info. Security in the Higher Education of the HKSAR:- An Empirical Investigation & Analysis"
- Co-authored with academics in IT/IS related research journals, papers, books & funding proposals & led empirical research/projects in Knowledge Transfer, Teaching/ Learning/Research development.
- Member of the Editorial Advisory Broad & review panel for "Distributed Computing Innovations for Business, Engineering & Science", IGI Global, 2012,
- "Cloud Computing & Enterprise Migration Strategies", Distributed Computing Innovations for Business, Engineering & Science, p.155-174, IGI Global, USA, 2012

### University & Community Services

- Honour Member of HK Electronic Technologies Association (HKETA)
- Vice Chairman of HK Public Key Infrastructure Forum (HKPKI) Forum
- Associate Director for LEO Dr David P. Chan Institute of Data Science, Lingnan University
- Council Member (present) and Court Member (2015-2018), Lingnan University
- Honorary Consultant for SmartCity Consortium in Smart Living and Health Care
- IMC Manager of SFX Xavier Secondary School
- Representing Lingnan University in HKIRC & APNIC
- Member for JUCC Network Task Force & SIG (Information Security) & JUCC Steering/Tender Board
- Secretary for Y2K Coordination Committee of Lingnan University