Lingnan University 嶺南大學
香港 Hong Kong

岭南大学技术转移论坛

Lingnan University Technology Transfer Forum

28 February 2025
Bay Auditorium, 3/F, Qianhai International Talent Hub, Shenzhen

Rundown

09:00 - 09:30	Registration
09:30 - 09:35	Video Introduction to LU
09:35 - 09:45	Welcome Speech

	Prof Xin YAO Vice-President (Research and Innovation) and Tong Tin Sun Chair Professor of Machine Learning
09:45 - 10:05	Opening Remarks Distinguished guests
10:05 - 10:10	Group Photo
10:10 - 10:25	Innovation and Technology Transfer at Lingnan University **Ms Sharon TAM** Director, Office of Research and Knowledge Transfer
10:25 - 10:50	Coffee Break & Networking

Technology Showcases

10:50 - 11:10	▪ Hard Exudate Detection with Supervised Contrastive Learning ▪ High-sensitivity CEST Image Denoising ▪ Novel Techniques for Remote Sensing

- Three-dimensional Point Source Localization based on Point Spread Function Analytics

Prof Raymond Hon Fu CHAN
Vice-President (Academics) cum Provost, Lam Man Tsan Chair Professor of Scientific Computing

11:10 - 11:30

- Distributed Carbon Capture & Utilization
- Flexible Battery

Prof Xi CHEN
Dean and Chair Professor of Interdisciplinary Studies, School of Interdisciplinary Studies

11:30 - 11:50

Low Energy Consumption and Environmental Protection Solid Amine Direct Air Carbon Capture Technology

Prof Jia LI
School of Interdisciplinary Studies

11:50 - 12:10

Nowcasting Corporate Operating Activities Using Satellite-Based Thermal Infrared Radiation (TIR)

Prof Xiaofeng ZHAO
Hong Kong Institute of Business

Studies, Faculty of Business

12:10 - 12:30

- **CREW-Wheelchair Handle Sensing System**
- **PureAura-Portable Mini Energy-saving Air Purifier**

Prof Albert KO

Lingnan Entrepreneurship Initiative

12:30 - 14:00

Lunch

Technology Showcases

14:00 - 14:20

Comprehensive Deep Reinforcement Learning Framework for Robust and Coordinated Multi-Robot Flocking

Prof Sam Tak Wu KWONG

Associate Vice-President (Strategic Research), J.K. Lee Chair Professor of Computational Intelligence

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14:20 - 14:40

Large Language Models & Retrieval-Augmented

	Generation Technology **Prof Zongxi LI** School of Data Science
14:40 - 15:00	MatterGPT: AI-Powered Platform for Smart Material Design and Innovation **Prof Hang XIAO** School of Interdisciplinary Studies
15:00 - 15:20	Scalable Preparation of Graphdiyne Family for the Practical Application **Prof Ying GUO** School of Interdisciplinary Studies
15:20 - 15:40	Geospatial Artificial Intelligence (GeoAI) System for Mosquito Risk Map Platform **Prof Paulina WONG** Science Unit
15:40 - 15:50	Coffee Break & Networking

Summit Panel

15:50 - 16:50

Technology Transfer Summit Panel

Prof S Joe QIN

President and Wai Kee Kau Chair Professor of Data Science

Special guests

16:50 - 17:00

Closing Remarks

Prof S Joe QIN

President and Wai Kee Kau Chair Professor of Data Science