



Undergraduate Research Opportunities Program  
The 9<sup>th</sup> UROP Mini-Conference (Spring 2025-26)  
Rundown

**Date:** 15 May 2026 (Friday)

**Time:** 10:00am – 4:45pm

**Venue:** Multi-Purpose Room (Room G019), G/F, [Global Graduate Tower \(GGT\)](#)  
(please expect a 10-minute walk from the Academic Building)

Time	Rundown
9:50am – 10:00am	Arrival of Students and Supervisors
10:00am	Start of Conference
10:00am – 10:30am	<b>Keynote Session</b> Title: <b>Experience Sharing: How to Conduct Research - Understanding Contributions</b> Speaker: <b>Prof. Raymond Chi Wing WONG / CSE</b>
10:30am	<b>Poster Presentation Sessions</b> (by the order of supervisor's School/Department and/or supervisors' availability) <i>5-minute presentation</i> <i>3-minute Q&amp;A session</i>
10:30am – 10:40am	<b>1. LIU Hualin / ISD</b> Integration of Proprioceptive and Tactile sensors in a Soft Robotic Actuator Supervised by: Prof. SCHARFF Rob Bernardus Nicolaas / ISD
10:40am – 10:50am	<b>2. WU Ziyao / ISD</b> Fabrication of Origami Actuators Supervised by: Prof. SCHARFF Rob Bernardus Nicolaas / ISD
10:50am – 11:00am	<b>3. XU Jusen / ISD</b> Fabrication of Origami Actuators Supervised by: Prof. SCHARFF Rob Bernardus Nicolaas / ISD
11:00am – 11:10am	<b>4. XU Borong / CPEG</b> LLM for Networking Supervised by: Prof. SONG Shenghui / ISD
11:10am – 11:20am	<b>5. LU Yuheng / CHEM</b> Medicinal Chemistry on Novel Type I1/2 ALK Inhibitors for Combating Drug-resistant Mutants Supervised by: Prof. HUANG Yong / CHEM
11:20am – 11:30am	<b>6. WOO Pok Yin / CHEM</b> The Impact of Spike Mutations on SARS-CoV-2 Neutralization Supervised by: Prof. SU Haibin / CHEM
11:30am – 11:40am	<b>Break</b>
11:40am – 11:50am	<b>7. CHAN Sze Yu / MATH</b> Interpolations on Surfaces Supervised by: Prof. LEUNG Shing Yu / MATH
11:50am – 12:00nn	<b>8. LI Jiaran / DSCT</b> Efficient Algorithms for Visualizing Dynamical Systems Supervised by: Prof. LEUNG Shing Yu / MATH
12:00nn – 12:10pm	<b>9. CHENG Yat Long / QFIN</b> Quantum Groups Supervised by: Prof. IP Ivan Chi Ho / MATH
12:10pm – 12:20pm	<b>10. WANG Dingqi / MATH</b> Quantum Information Theory and Error-correcting Codes Supervised by: Prof. XIONG Maosheng / MATH

12:20pm – 12:30pm	<b>11. YIN Zekai / BIOT</b> CRISPR/Cas9 Analysis of Essential Genes Supervised by: Prof. POON Randy Yat Choi / LIFS	
12:30pm – 12:40pm	<b>12. SAM Siu Chuen / MEGBM</b> Thermal Management of High Power Electronics Supervised by: Prof. ZHOU Simen Y. / MAE	
12:40pm – 12:50pm	<b>13. CHONG Sung-jin / MECH</b> Robotic-Based Fiber Winding System Design, Manufacturing, and Control Supervised by: Prof. DUAN Molong/ MAE	
12:50pm – 1:00pm	<b>14. LIU Runsheng / COMP</b> Deep Learning for Medical Image Analysis Supervised by: Prof. CHEN Hao / CSE	
1:00pm – 1:45pm	<b>Group Photo Session &amp; Lunch</b>	
1:45pm – 1:55pm	<b>15. CHAN Cheng Leong / COMP</b> AI meets Big Data: User Analytics and Personalized Recommendation Based on Location Data Supervised by: Prof. CHAN Gary Shueng Han / CSE	
1:55pm – 2:05pm	<b>16. FANG Pengjun / COMP</b> Generative AI Supervised by: Prof. CHEN Qifeng / CSE	
2:05pm – 2:15pm	<b>17. KONG Lingcheng / COSC</b> Generative AI Supervised by: Prof. CHEN Qifeng / CSE	
2:15pm – 2:25pm	<b>18. LEE Pak Nin / COMP</b> Generative AI Supervised by: Prof. CHEN Qifeng / CSE	
2:25pm – 2:35pm	<b>19. RUAN Junhong / COSC</b> Generative AI Supervised by: Prof. CHEN Qifeng / CSE	
2:35pm – 2:45pm	<b>20. WU Kam Man / DSCT</b> Generative AI Supervised by: Prof. CHEN Qifeng / CSE	
2:45pm – 2:55pm	<b>21. TANG Chiu Yeung / DSCT</b> Efficient Queries over Database Supervised by: Prof. WONG Raymond Chi Wing / CSE	
2:55pm – 3:05pm	<b>22. GUO Zilin / MATH</b> Trainable End-to-End VLM Agent for 3D Scene Manipulation Supervised by: Prof. XU Dan / CSE	
3:05pm – 3:15pm	<b>23. CHANG Yubeen / CENG</b> Predicting the Drug Release of Supersaturating Drug Delivery Systems Supervised by: Prof. LAKERVELD Richard / CBE	
3:15pm – 3:25pm	<b>Break</b>	
3:25pm – 3:35pm	<b>24. ZHU Yihan / CHEM</b> Anode Materials for Lithium Ion Batteries Supervised by: Prof. SHAO Minhua / CBE	
3:35pm – 3:45pm	<b>25. LO Tin Yiu / CIVL</b> Exploring the Potential and Limitations of Artificial Intelligence based Structural Health Inspections Supervised by: Prof. ZHANG Jize / CIVL	
3:45pm – 3:55pm	<b>26. ZHENG Yiqi / CIEV</b> A Cement-free Novel Concrete that Absorbs Greenhouse Gas CO <sub>2</sub> to Heal itself and Improve its Mechanical Performance. Supervised by: Prof. QIU Jishen / CIVL	

- 3:55pm – 4:05pm**      **27. MAO Qiuqing / CPEG**  
Regression-based Large Scale 3D Reconstruction  
Supervised by: Prof. TAN Ping / ECE
- 4:05pm – 4:15pm**      **28. LIANG Xinyue / ECON**  
Institutional Investors and Environmental, Social, and Governance (ESG) Preferences  
Supervised by: Prof. YEGEN Eyueb Enes / FINA
- 4:15pm – 4:25pm**      **29. YU Wanting / RMBI**  
Institutional Investors and Environmental, Social, and Governance (ESG) Preferences  
Supervised by: Prof. YEGEN Eyueb Enes / FINA
- 4:25pm – 4:35pm**      **30. LIN Bryan Pu Wo / FINA**  
Perceptions of AI in Organizations  
Supervised by: Prof. BITTERLY Thomas Bradford / MGMT
- Group Photo Session**  
**End of Conference**
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