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# 议程安排 AGENDA

## DAY 1

### 招生信息宣讲会

POSTGRADUATE ADMISSIONS INFORMATION SESSION

Date	Target Student	Time	Contents
<b>04/12</b> 星期五 19:00 12th April 19:00, Friday <b>正心楼11教室</b> Classroom No. 11 Zhengxin Building	▶ 全校学生 All Students	19:00-19:05	香港科技大学(广州)霍英东研究生院介绍学校发展基本情况、招生方式、流程及条件等 Brief introduction from HKUST Fok Ying Tung Graduate School (Guangzhou) about the University, postgraduate programs, unique academic structure, admission requirements, etc.
		19:05-19:20	红鸟硕士班介绍 Red Bird MPhil
		19:20-19:35	功能枢纽介绍 Function Hub
		19:35-19:50	信息枢纽介绍 Information Hub
		19:50-20:05	社会枢纽介绍 Society Hub
		20:05-20:20	系统枢纽介绍 Systems Hub

## DAY 2

### 学术分享交流暨师生见面会

ACADEMIC SHARING & MEET-AND-GREET SESSION

Date	Target Student	Time	Contents
<b>04/13</b> 星期六 9:30 13th April 9:30, Saturday <b>正心楼109教室</b> Classroom No. 109 Zhengxin Building	▶ 电子信息工程学院 School of Electronics and Information Engineering ▶ 电气工程及自动化学院 School of Electrical Engineering and Automation ▶ 机电工程学院 School of Mechatronics Engineering ▶ 仪器科学学院 School of Instrumentation Science and Engineering *亦欢迎来自其他学院的同学参加 students from other colleges are also welcome	09:30-09:40	苑荣峰教授(先进材料学域) Prof. Rongfeng YUAN (AMAT)
		09:40-09:50	李顺诚教授(地球与海洋大气科学学域) Prof. Shuncheng LEE (EOAS)
		09:50-10:00	黄智强教授(微电子学域) Prof. Zhiqiang HUANG (MICS)
		10:00-10:10	唐少军教授(生命科学与生命医学工程学域) Prof. Shaojun TANG (BSBE)
		10:10-10:20	杜娟教授(智能制造学域) Prof. Juan DU (SMMG)
		10:20-11:20	一对一师生交流 One-on-one Consultation
		<b>04/13</b> 星期六 9:30 13th April 9:30, Saturday <b>正心楼117教室</b> Classroom No. 117 Zhengxin Building	▶ 计算学部 Faculty of Computing *亦欢迎来自其他学院的同学参加 students from other colleges are also welcome
09:40-09:50	王浩教授(人工智能学域) Prof. Hao WANG (AI)		
09:50-10:00	宗福季教授(数据科学与分析学域) Prof. Fu-Gee TSUNG (DSA) 何新磊教授(数据科学与分析学域) Prof. Xinlei HE (DSA)		
10:00-10:15	Dirk KUTSCHER教授(物联网学域) Prof. Dirk KUTSCHER (IoT) 高诗简教授(物联网学域) Prof. Shijian GAO (IoT) 于佳冬教授(物联网学域) Prof. Jiadong YU (IoT)		
10:15-11:15	一对一师生交流 One-on-One Consultation		

## RED BIRD MPhil

 **Speaker: HUANG, Miaojun**

 **rbmadmit@hkust-gz.edu.cn**

 **Academic Title & Affiliation**

• **Associate Base Head**  
Base of Red Bird MPhil

• **Senior Lecturer**  
Base of Red Bird MPhil

 **Project Introduction**

The Red Bird MPhil Program is a full-time Master of Philosophy Program designed by the Hong Kong University of Science and Technology (Guangzhou) (referred to as HKUST(GZ)) College of Future Technology to achieve the goal of cultivating "top talents and future leaders in academy and industry". This program embodies the interdisciplinary "hub concept", explores innovative talent development models and breaks through the traditional model of master student admission that is based on disciplinary divisions. Without boundaries between disciplines and specialties, it encompasses the four hubs of HKUST (GZ) and their respective thrusts. Students are encouraged to integrate their personal interests, educational backgrounds, and future career plans. After six months of independent academic exploration upon enrollment, students determine their research direction and collaborative team. They also choose their academic supervisors from any hub or thrust through mutual selection. The thrust of the academic supervisors determines the student's registered specialization. Throughout the whole program, the Red Bird MPhil Program remains student-centered through the teaching model guided by team projects. Students collaborate with academic supervisors from different hubs and thrusts, project supervisors, and industry supervisors, to accomplish interdisciplinary team projects and academic requirements.

## FUNCTION HUB

### **EARTH, OCEAN AND ATMOSPHERIC SCIENCES**

 **Speaker: LEE, Shuncheng**

 **shunchenglee@hkust-gz.edu.cn**

 **Research Interest**

- Indoor Air Pollution
- Toxic Air Pollutants
- Emission Source Characterization
- Carbonaceous Aerosol Characterization

 **Academic Title & Affiliation**

**Acting Thrust Head**  
Thrust of Earth, Ocean and Atmospheric Sciences  
**Professor**  
Thrust of Sustainable Energy and Environment

### **ADVANCED MATERIALS**

 **Speaker: YUAN, Rongfeng**

 **rongfengyuan@hkust-gz.edu.cn**

 **Research Interest**

- Molecular dynamics
- Electronic energy transport and conversion
- Ultrafast spectroscopy and microscopy
- Optoelectronic materials

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Advanced Materials

### **MICROELECTRONICS**

 **Speaker: HUANG, Zhiqiang**

 **zquang@hkust-gz.edu.cn**

 **Research Interest**

- Analog/RF/mm-wave integrated circuit design
- Frequency synthesis from RF to sub-THz
- Low power integrated circuit design

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Microelectronics

## INFORMATION HUB

### DATA SCIENCE AND ANALYTICS

 **Speaker: TSUNG, Fu-Gee**

 [season@hkust-gz.edu.cn](mailto:season@hkust-gz.edu.cn)

 **Research Interest**

- Industrial big data
- Data Analytics
- Statistical process control and monitoring
- Quality engineering and management

 **Academic Title & Affiliation**

**Chair Professor**  
Thrust of Data Science and Analytics  
Thrust of Computational Media and Arts

 **Speaker: HE, Xinlei**

 [xinleihe@hkust-gz.edu.cn](mailto:xinleihe@hkust-gz.edu.cn)

 **Research Interest**

- Trustworthy Machine Learning
- Social Network Analysis
- Misinformation

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Data Science and Analytics  
Thrust of Internet of Things

### INTERNET OF THINGS

 **Speaker: KUTSCHER, Dirk**

 [dku@hkust-gz.edu.cn](mailto:dku@hkust-gz.edu.cn)

 **Research Interest**

- Distributed computing and networking
- Information-Centric networking
- Infrastructure for data science and machine learning
- Internet evolution

 **Academic Title & Affiliation**

**Associate Professor**  
Thrust of Internet of Things

 **Essential Qualifications of Target Student**

Computer networking

 **Speaker: YU, Jiadong**

 [jiadongyu@hkust-gz.edu.cn](mailto:jiadongyu@hkust-gz.edu.cn)

 **Research Interest**

- Machine Learning for Internet of Things
- Digital Twin and Metaverse
- Edge Intelligence
- Wireless Communications

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Internet of Things

 **Speaker: GAO, Shijian**

 [shijiangao@hkust-gz.edu.cn](mailto:shijiangao@hkust-gz.edu.cn)

 **Research Interest**

- Hardware-efficient PHY transmission
- High-dimensional array signal processing
- Multi-modality sensing-aided communication
- AI-empowered wireless system optimization

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Internet of Things

## INFORMATION HUB

### ARTIFICIAL INTELLIGENCE

 **Speaker: WANG, Hao**

 [haowang@hkust-gz.edu.cn](mailto:haowang@hkust-gz.edu.cn)

 **Research Interest**

- Multimodal Learning
- Computer Vision
- Generative AI

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Artificial Intelligence

## SOCIETY HUB

### URBAN GOVERNANCE AND DESIGN

 **Speaker: KAN, Lin Ge**

 [gelin@hkust-gz.edu.cn](mailto:gelin@hkust-gz.edu.cn)

 **Research Interest**

- GIS
- Spatial Epidemiology
- Data Integration
- Aging and Urban Health
- Metaverse

 **Academic Title & Affiliation**

**Thrust Head**  
Thrust of Urban Governance and Design  
**Professor**  
Thrust of Urban Governance and Design  
Academy of Interdisciplinary Studies, HKUST

 **Essential Qualifications of Target Student**

1. Innovative thinking and a strong desire for knowledge
2. Good computational and analytical abilities
3. Strong interest in research areas such as 3D construction of VR, point cloud, biomarkers based on spatial memory and navigation (neuroscience)

## SYSTEMS HUB

### BIOSCIENCE AND BIOMEDICAL ENGINEERING

 **Speaker: TANG, Shaojun**

 [shaojuntang@hkust-gz.edu.cn](mailto:shaojuntang@hkust-gz.edu.cn)

 **Research Interest**

- Bioinformatics
- Artificial Intelligence
- Precision medicine
- System Biology
- Multi-omics data integration
- Machine learning

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Bioscience and Biomedical Engineering  
Academy of Interdisciplinary Studies, HKUST  
**Affiliate Assistant Professor**  
Division of Life Science, HKUST

### SMART MANUFACTURING

 **Speaker: DU, Juan**

 [juandu@hkust-gz.edu.cn](mailto:juandu@hkust-gz.edu.cn)

 **Research Interest**

- Knowledge-infused data science for quality improvement
- Industrial data analytics and machine learning
- System informatics and control for manufacturing applications

 **Academic Title & Affiliation**

**Assistant Professor**  
Thrust of Smart Manufacturing  
Academy of Interdisciplinary Studies, HKUST