

# Joint AIR-HKBU Workshop on Hyperspectral Image Processing

**31 December 2023**

**Hong Kong Baptist University**

**Venue:** FSC1217, Fong Shu Chuen Building  
Ho Sin Hang Campus, [Hong Kong Baptist University](#)

## **Speakers:**

Lianru Gao (Aerospace Information Research Institute, Chinese Academy of Sciences)  
Yuanfeng Wu (Aerospace Information Research Institute, Chinese Academy of Sciences)  
Lina Zhuang (Aerospace Information Research Institute, Chinese Academy of Sciences)  
Liwei Li (Aerospace Information Research Institute, Chinese Academy of Sciences)  
Michael Ng (Department of Mathematics, Hong Kong Baptist University)  
JunJun Pan (Department of Mathematics, Hong Kong Baptist University)

## **Program**

9:00-9:30	Lianru Gao <i>Hyperspectral and Multispectral Image Fusion</i>
9:30-10:00	Liwei Li <i>Intelligent High-rise Building Extraction</i>
10:00-10:30	Junjun Pan <i>Separable Quaternion Matrix Factorization for Spectro-Polarimetric Imaging</i>
10:30-10:45	Coffee Break
10:45-11:15	Yuanfeng Wu <i>Approximate Computing for Onboard Anomaly Detection from Hyperspectral Images</i>
11:15-11:45	Lina Zhuang <i>Inverse Problems in Hyperspectral Imaging</i>
11:45-12:15	Michael Ng <i>Robust Tensor Completion from Uniformly Dithered One-bit Observations</i>