



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

Summer Research Program 2020

**STUDENT-FACULTY COLLOQUIUMS**

**21 & 23 JULY 2020**

21 July Tuesday

ZOOM Meeting ID: 967 4538 2589

**3:00 - 3:30pm** Speaker: **Prof Jianfeng Cai**  
Title: *Landscape of non-convex optimizations in imaging and data science*

**3:30 - 3:40pm** QA and break

**3:40 - 4:10pm** Speaker: **Prof Can Yang**  
Title: *A statistical and computational framework for cross-population analysis by combining large-size data with medium-size data through genetic correlation*

23 July Thursday

ZOOM Meeting ID: 977 4321 3562

**3:00 - 3:30pm** Speaker: **Prof Shingyu Leung**  
Title: *An introduction to variational methods for imaging and inverse problems from seismology and gravimetry*

**3:30 - 3:40pm** QA and break

**3:40 - 4:10pm** Speaker: **Prof Ke Wang**  
Title: *Random graphs and random matrices*

*All are Welcome!*