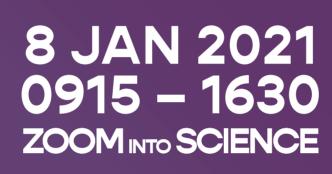






Sfo@cuhk.edu.hk Solve 3943 7727
Visit www.sci.cuhk.edu.hk/pg-research-day for registration and details.

## 2020-21 Science Faculty Postgraduate Research Day







**The Pollen Tube Tip-Vesicles** LIU Zhiqi Year 3 PhD Student in Cell and Molecular Biology



**Studying the Functional Link between Cerebellum and Autism in a Preclinical Autism Mouse Model** MA Sum Yi Year 4 PhD Student in Cell and Molecular Biology



Disse Spino CCDC

Dissecting the Pathogenic Mechanisms of Spinocerebellar Ataxia Induced by CCDC88C Mutations in Mice YANG Huan Year 2 PhD Student in Biochemistry

The Histone Modification H3k4me3 Marks

**Functional Genes in Soybean Nodules** 

Year 6 PhD Student in Molecular Biotechnology

WANG Qianwen



Synthesis and Reactivity of Tantalum Alkyne Complexes Supported by Linked Cyclopentadienyl-Carboranyl Ligand YANG Jingting Year 5 PhD Student in Chemistry



A Fast and Stable Direct Sampling Method for Computerized Tomography HAN Fuqun Year 1 PhD Student in Mathematics



Weak Galerkin Method for Electrical Impedance Tomography LIANG Ying Year 5 PhD Student in Mathematics



LIANG Ying Year 5 PhD Student in Mathematics Interquantile Smoothness in

**Censored Quantile Regressions** 

CAI Zexi Year 2 MPhil Student in Risk Management Science



Simulating Physics at the Extremes: The Birth and Behaviour of Compact Objects CHEONG Chi Kit Year 4 PhD Student in Physics



**Cosmos Compasses – How to Read Them and What Have We Learned** GU Qilao Year 5 PhD Student in Physics



**Bayesian Causal Mediation Analysis with Latent Mediators and Survival Outcome** SUN Rongqian Year 2 PhD Student in Statistics



Oxidation of Organosulfates at the Aerosol Surface: A Missing Source of Atmospheric Aerosol Sulfate XU Rongshuang Year 3 PhD Student in Earth & Atmospheric Sciences



**Catalytic Artificial Organelles, Multi-Enzyme Assemblies for Terpene Biosynthesis** WEI Qixin Year 4 PhD Student in Chemistry



**The Frictional Strength on Faults: A Critical Factor in Controlling Earthquake Occurrence** YAO Suli Year 4 PhD Student in Earth & Atmospheric Sciences