

Session Program

22-27 Jul 2019

**FLASY2019: 8th Workshop on Flavor
Symmetries and Consequences in
Accelerators and Cosmology**

Morning session I

Tuesday 23 July

08:30

Morning session I: Session Shaofeng Ge

Session | **Location:** SJTU, TDLI meeting room 200 (East Wing of Yue-Kong Pao Library)

08:30–09:00

Combined explanations of Flavor Anomalies.

Speaker

Alakabha Datta

09:00–09:30

Visualisation tools and the B-anomalies

Speaker

German Valencia

09:30–10:00

Radiative neutrino mass models and the flavour anomalies

Speaker

Raymond Volkas

10:00

Wednesday 24 July

08:30

Morning session I: Session Ernest Ma

Session | **Location:** USTC, the 5F International Hall, Activity Center of East Campus

08:30–08:40

Welcome

Speaker

Prof. Liang Han

08:40–09:20

Neutrinos as the gate to new physics

Speaker

Jose Valle

Location

USTC, the 5F International Hall, Activity Center of East Campus

09:20–09:50

Collider tests of low scale seesaw models

Speaker

Stefan Antusch

Location

USTC, the 5F International Hall, Activity Center of East Campus

09:50–10:20

Double Beta Decay and TeV Scale Physics

Speaker

Dr Frank Deppisch

Location

USTC, the 5F International Hall, Activity Center of East Campus

10:20–10:50

Search for new physics with coherent elastic neutrino-nucleus scattering

Speaker

Jiajun Liao

Location

USTC, the 5F International Hall, Activity Center of East Campus

10:50

Thursday 25 July

08:40

Morning session I: Session Raymond Volkas

Session | **Location:** USTC, the 5F International Hall, Activity Center of East Campus

08:40–09:10

Scotogenic Dirac Neutrino Masses and Mixing

Speaker

Ernest Ma

09:10–09:40

Dark matter stability and Dirac neutrinos using only Standard Model symmetries

Speaker

Dr Rahul Srivastava

09:40–10:10

Sequentially loop-generated pattern of quark and lepton masses in models with extended symmetries

Speaker

Antonio Enrique Cárcamo Hernández

10:10–10:40

KeV fermion from a simple 3-portal model

Speaker

We-Fu Chang

10:40

Friday 26 July

08:40

Morning session I: Session Ferruccio Feruglio

Session | **Location:** USTC, the 5F International Hall, Activity Center of East Campus

08:40–09:10 **Recent Developments in Neutrino Models**

Speaker

Prof. Stephen F King

09:10–09:40 **Baryogenesis From Flavon Decays**

Speaker

Prof. Mu-Chun Chen

09:40–10:10 **CP violation from string**

Speaker

Michael Ratz

10:10–10:40 **Origin of non-Abelian discrete flavour symmetries**

Speaker

Ye-Ling Zhou

10:40

Saturday 27 July

08:40

Morning session I: Session Morimitsu Tanimoto

Session | **Location:** USTC, the 5F International Hall, Activity Center of East Campus

08:40–09:10

From Daya Bay to JUNO: the quest for neutrino mass ordering

Speaker

Wei Wang

09:10–09:40

New results from the EXO-200 experiment

Speaker

Liangjian Wen

09:40–10:10

“Zeroing” the minimal seesaw and the 2HDM with Dirac neutrinos

Speaker

Filipe Rafael Joaquim

10:10–10:40

Some recent studies on the neutrino mu-tau reflection symmetry

Speaker

Zhen-hua Zhao

10:40