

Session Program

31 March 2023



2nd Annual Niels Bohr Institute MSc. Student Symposium

Oral presentation

H.C. Ørsted Institute, Auditorium 3 & Hall
Universitetsparken 5 2100 København Ø

Friday 31 March

13:00

Oral presentation: 1

Session | Location: H.C. Ørsted Institute, Auditorium 3, Universitetsparken 5 2100 København Ø

13:00-13:20

Improving Neutrino Oscillation Measurements by using the Earth's layer structure

13:20-13:40

Exploring Demographic Drift: A Redshift Dependent Two-Population Model of Type Ia Supernovae and Its Implications for Dark Energy

13:40-14:00

Effective bond theory for frustrated magnets

14:00

Oral presentation: 2

Session | Location: H.C. Ørsted Institute, Auditorium 3, Universitetsparken 5 2100 København Ø

14:20-14:40

Structural properties of kagome-layered crystals

14:40-15:00

Classifying the first large clean neutrino sample in real data from the IceCube Neutrino Observatory using a Graph Neural Network

15:00-15:20

Spectral Integrability In Twisted $N = 4$ Super Yang-Mills Theory

15:20-15:40

Mechanisms behind Induced Polarization Effects in Water and Brines Confined in Clay Minerals Oriented Films

15:40