

Session Program

31 March 2023



2nd Annual Niels Bohr Institute MSc. Student Symposium

Poster session: Enjoy the posters!!!

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

Friday 31 March

15:40

Poster session: Enjoy the posters!!!

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

15:40-17:30 **Alternative to Cosmological Constant with new dark matter force**

15:40-17:30

Spacetime Algebra as a tool to study the Milky Way's plane of satellites

15:40-17:30

Probing nuclear structure in heavy-ion collisions with cumulants of transverse momentum fluctuations

15:40-17:30 **A Forward Hadronic Calorimeter for ALICE at the LHC**

15:40-17:30

Detailed simulation of neutron scattering from phonons in highly oriented pyrolytic graphite

15:40-17:30

Reading out a hadronic calorimeter: testing a readout system for the ALICE FoCal-H

15:40-17:30 **On-chip Frequency Conversion with a GaAs platform**

15:40-17:30 **Complex organic chemistry toward young stars**

15:40-17:30 **Simulations of background scattering from a 15 T magnet**

15:40-17:30

Greenland ice sheet surface water vapour fluxes from automatic weather station records

15:40-17:30 **Dust circulation in self-similar protoplanetary discs**

15:40-17:30

Simulating the vibrational dynamics of molecules using a quantum dot induced non-linearity

15:40-17:30

Probe a small droplet of Quark-Gluon Plasma with flow-vector fluctuations at the LHC

17:30