



# 2nd Annual Niels Bohr Institute MSc. Student Symposium

## Friday, 31 March 2023

**Poster session: Enjoy the posters!!! - Hall (15:40 - 17:30)**

time	[id] title	presenter
15:40	[12] A Forward Hadronic Calorimeter for ALICE at the LHC	
15:40	[11] Probing nuclear structure in heavy-ion collisions with cumulants of transverse momentum fluctuations	
15:40	[9] Spacetime Algebra as a tool to study the Milky Way's plane of satellites	
15:40	[8] Alternative to Cosmological Constant with new dark matter force	
15:40	[15] Probe a small droplet of Quark-Gluon Plasma with flow-vector fluctuations at the LHC	
15:40	[14] Simulating the vibrational dynamics of molecules using a quantum dot induced non-linearity	
15:40	[7] Dust circulation in self-similar protoplanetary discs	
15:40	[16] Greenland ice sheet surface water vapour fluxes from automatic weather station records	
15:40	[4] Simulations of background scattering from a 15 T magnet	
15:40	[17] Complex organic chemistry toward young stars	
15:40	[2] Detailed simulation of neutron scattering from phonons in highly oriented pyrolytic graphite	
15:40	[19] On-chip Frequency Conversion with a GaAs platform	
15:40	[20] Reading out a hadronic calorimeter: testing a readout system for the ALICE FoCal-H	