



# 4th Annual Niels Bohr Institute MSc. Student Symposium

## Friday 14 March 2025

**Poster session: Enjoy the posters! - Sydenden (16:05 - 18:00)**

time	[id] title	presenter
16:05	[26] A multi-filter exploration of the galaxy size-wavelength relation	
16:05	[10] Decrypting AGN Spectra	
16:05	[12] Understanding Denmark's Changing Precipitation Through Explainable Machine Learning	
16:05	[17] Calibration of IceCube detectors	
16:05	[19] Sustaining galaxy gas turbulence by supernova feedback in dwarf galaxies	
16:05	[2] The physics and chemistry of the cold dust and gas around protostars	
16:05	[7] Searching for axions in the gamma-ray sky	
16:05	[18] Probing Collective States of Ultracold Atoms via Cavity-Enhanced Interaction	
16:05	[4] Machine learning prediction of climate multi-stability	
16:05	[25] Effects of Dark Matter on Quasinormal Modes and Tails of Black Holes	
16:05	[6] Developing methods for measuring clumped oxygen	
16:05	[21] Angular reconstruction of high energy neutrinos in IceCube using machine learning	
16:05	[14] Neutrinos in collapsars	
16:05	[13] Extending Prometheus: an Open Source Neutrino Detector Simulation Framework	
16:05	[20] Ultra-high-energy neutrinos to look for super-heavy dark matter inside Earth	
16:05	[22] Photometric Tomography of the Intergalactic Medium at the Reionization Epoch	
16:05	[27] Neutrino Flavour Classification on High-Energy IceCube Events Using a Transformer Model	
16:05	[15] Probing the Ionization and Kinematics of AGN Broad-Line Regions: An Advanced Cloudy Photoionization Study	
16:05	[24] Schwarzschild Modelling of the barred galaxy NGC 3783	