



Department of Physics Colloquium

October 24, 2022

3:00 PM



SERC 116

Graduate Student Reports

Density-corrected SCAN functional

Pradeep Bhetwal

Advisor: Prof. John Perdew

**Unpolarized gluon PDF for the proton from
numerical simulations of QCD**

Joseph Delmar

Advisor: Prof. Martha Constantinou

**Theoretical X-ray absorption spectroscopy of
NaCl aqueous solution by GW-BSE methods**

Kefeng Shi

Advisor: Prof. Xifan Wu

**This colloquium will be held in-person, at SERC 116
unless announced otherwise.**