Cosmic Origins UV STIG
presents the
Quorum for Ultraviolet Exploration of Science and Technology

- Thursday 01 July 2021 – 15:00 -16:00 EDT
  - https://zoom.us/j/97615774628?pwd=TkNXOXpZZnNpbzNjN2EvZU9uZE1CZz09
  - QUEST Speakers

1. Patrick Côté, Principal Research Officer – National Research Council of Canada, Herzberg Astronomy & Astrophysics Research Centre
   CASTOR: Cosmological Advanced Survey Telescope for Optical and ultraviolet Research

   CASTOR is a proposed wide-field, nearly diffraction-limited space telescope that is under development by the Canadian Space Agency. The 1m CASTOR telescope will produce panoramic imaging of the UV/optical (150-550 nm) sky, using a three mirror anastigmat design to provide nearly Hubble-like image quality over a wide field (0.25 sq. deg.) in three filters simultaneously. Operating from low-earth orbit, CASTOR will be optimized for wide-field surveys, although the telescope may also feature low- and medium-resolution spectroscopic capabilities over the 150 to 400 nm region. In this talk, I will describe CASTOR’s design, specifications, science drivers, and status, highlighting synergies with the next generation of space- and ground-based imaging facilities (i.e., Euclid, Roman and Rubin).

2. Chaz Shapiro, Staff Scientist/Technologist – JPL, Caltech
   UV Technology Developments at JPL with application to CASTOR

- Instructions for joining UV STIG mail list