



## Physics Colloquium

**Professor Sylvain Veilleux**

(Physics, University of Maryland)

**“The Cool Side of Galactic Winds”**

**Friday, October 2, 2020**

**2:30pm—3:30pm**

**Virtual Meeting**

**Zoom link: <https://virginiatech.zoom.us/j/96084996911>**

Galactic winds impact ongoing star formation and black hole activity in their hosts and deposit mass and energy into their halos and the intergalactic medium. Major outstanding questions remain, however, about the precise impact that galactic winds make. In particular, the exact nature of the neutral and molecular gas phases in these winds is still unclear. This colloquium will highlight the recent discovery of powerful atomic and molecular winds in nearby galaxies and quantify the role of quasars in driving these winds.