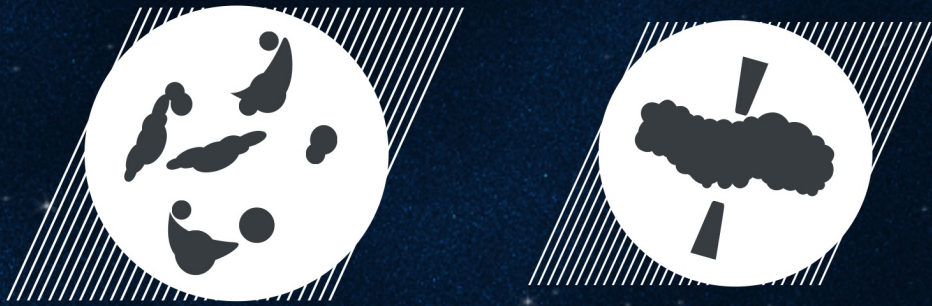


Astro Seminar Series



Julie Hlavacek-Larrondo
University of Montreal

AGN feedback in Clusters of Galaxies

The last few decades have shown us that radio jets originating from supermassive black holes can interact strongly with their surrounding medium. During this talk, I will review the current status of this field, known as AGN feedback, while focusing on the most massive black holes in the Universe, those that lie at the centers of galaxy clusters.

I will review the physics behind these interactions and then focus on the evolution of radio feedback over cosmic time while presenting new results from clusters discovered via the South Pole Telescope.

Tuesday March 15, 3:30pm

**Bell Room (103)
Rutherford Physics Building**