
Seminar

How massive black holes and supernovae regulate galaxy formation

Prateek Sharma

Indian Institute of Science, Bangalore

Massive black holes in centers of galaxies and supernovae are sufficiently energetic to reduce global star formation on galactic scales. These energetic engines provide negative feedback and suppress star formation, thereby shaping the luminosity/mass distribution of galaxies. I will discuss observational evidence for feedback. I will summarize some theoretical and computational models proposed to understand the complex nonlinear physics of feedback.

Thursday, Apr 24th 2014

11:30 AM (Tea/Coffee at 11:15 AM)

Seminar Hall, TCIS