

## Kinetic Luminosity of Quasar Outflows and Its Implications to AGN Feedback

Tuesday

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12:30 P.M.

Rm 184 NSH

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Sub-relativistic outflows are seen as blue shifted absorption troughs in the spectra of roughly one third of all quasars. I will describe recent results based on observations the Hubble Space Telescope and the European Very Large Telescope, that yield the mass flux and kinetic luminosity for representative outflows. The derived values suggest that quasar absorption outflows have a profound effect on their host galaxy and maybe the major agent of AGN feedback.