Abstract for an Invited Paper for the SES11 Meeting of The American Physical Society

Kinetic Luminosity of Quasar Outflows and its Implications to AGN Feedback

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Sub-relativistic outflows are seen as blueshifted absorption troughs in the spectra of roughly one third of all quasars. I will describe how we determine the mass flux and kinetic luminosity of these outflows and show that the derived values suggest that absorption outflows may be a main agent of AGN feedback scenarios.