

Themes

- Down in the trenches: Observations and observational tests
- Models and modeling tools
- Outflow physics
- The big picture
- Rhetorical questions

Down in the trenches: Observations and observational tests

- Sophisticated new models, not easy to fit to the data (computationally expensive algorithms).
- All Mass outflow rates: how robust are the current estimates? Uncertainties include: ξ , f_V , C_f
- Need to know the FUV continuum. Do we?
- What is the fraction of BAL QSOs regardless of orientation?
- What about them UFOs? What is it that the government does not want us to know?

Models and modeling tools

- Can model explain the full phenomenology that we observe?
 Do they allow us to understand variability and transitions between types?
- Can Fe K lines they be produced by scattering in the outflow? What about the classic lines of the BLR?
- What is the future of Monte-Carlo algorithms/codes? What are the limiting assumptions?
- How do we check/compare ionization balance and momentum feedback in different codes.

Outflow physics

- What are the crucial parameters that determine the type of outflow? dM/dt, L/L_{Edd}, α_{ox}?
- Absorbing filaments: models place them very close to the BH as well as very far away. However, whenever we can constrain the distance it turns out to be ~kpc. (need refined models? is there a selection effect?)
- What is the connection between the absorbing media observed in different bands (X-ray vs UV absorbers)?
- Launching + Acceleration: do we have a progression of different mechanisms over different radii?

The big picture

- Obscuring torus: Is it a dusty outflowing wind or a static structure?
- Inflows: What do the models have to say? Can we observe them?
- Seyferts: Why do they not have BAL/very fast outflows? Should they?
- What is the connection between the inner outflow $(r \ll 0.1 \text{ pc})$ and outer outflow (r > 10-100 pc)?

Sunday, November 13, 2011

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- How do we understand expressions of (hegemonic) masculinity in post-modern/post-colonial AGN outflows.

Applause for the awesome work by the Local Organizing Committee





