

# Discussion - Accretion, triggering and multi-wavelength

## 1. Relationship between radio galaxy morphology and accretion mode

- are the HERGs/LENG and FR-I/II dichotomies the same thing? (Tadhunter)
- hybrid radio sources?

## 2. How typical are powerful radio galaxies? Tip of the iceberg, or separate population?

- does accretion mode / radio morphology separation work for less powerful AGN?
- nature *and* nurture: weak jets are more likely to be disrupted (cf Croston's talk)
- lensing to probe more typical populations (Stacey)

## 3. How much can accretion be modulated?

- Weak-Line FR-IIs as a radio remnant population (Tadhunter). Restarted and remnant radio sources (Brienza, Jurlin).
- different wavelengths trace different timescales.

## 4. Triggering mechanisms

- minor mergers? (Dicken, Maccagni, Allison, Balmaverde).
- is (almost) every powerful radio galaxy a BBH merger remnant? (Krause, Balmaverde). Needed for a powerful jet, or a consequence of galaxy formation history?
- chaotic cold accretion traced by HI absorption (Maccagni).
- cosmological evolution?