

2015 Workshop

SOC

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Observations

- Radio
 - Size-Scale, Age and duty cycle, Environment, populations
 - HFP, GPS, CSS, CSO – blazars?
 - FRI, FRII, FRO ?- 68%
- IR
 - Environment, star formation, outflow mass, age?
- Optical
 - Host, Dynamics, interactions, outflows
- X-rays
 - Hot gas, environment, interactions, age?
- Gamma-rays
 - Emission processes, models

Observations

- Morphology
 - compact, resolved? Binary? Fuzzy extended emission – radio
 - Other wavebands – environment
- Spectra
 - Characteristic shape in the radio band
 - SSA/FFA – low frequency coverage
 - Absorption and emission lines in IR and optical
- Variability
 - Spectral variations in the radio band – timescales?
 - Other bands? Gamma-ray? HI? Emission/absorption lines?
- Polarization
 - Depolarization? Search for RM

Complex Picture

NO Theory....

Theory

- Power?
- Jet formation?
- Jet propagation and interaction?
- Feeding?
- Feedback?
- Star formation vs. AGN activity?
- Evolution?

What's Next?

- Surveys – multi-wavelength
- Low frequency observations – LOFAR, WMA
- Detailed studies of individual sources
- Search for high energy emission?
- Theory? Simulations and ideas.
- Importance of Compact RS?

Have we made any progress?