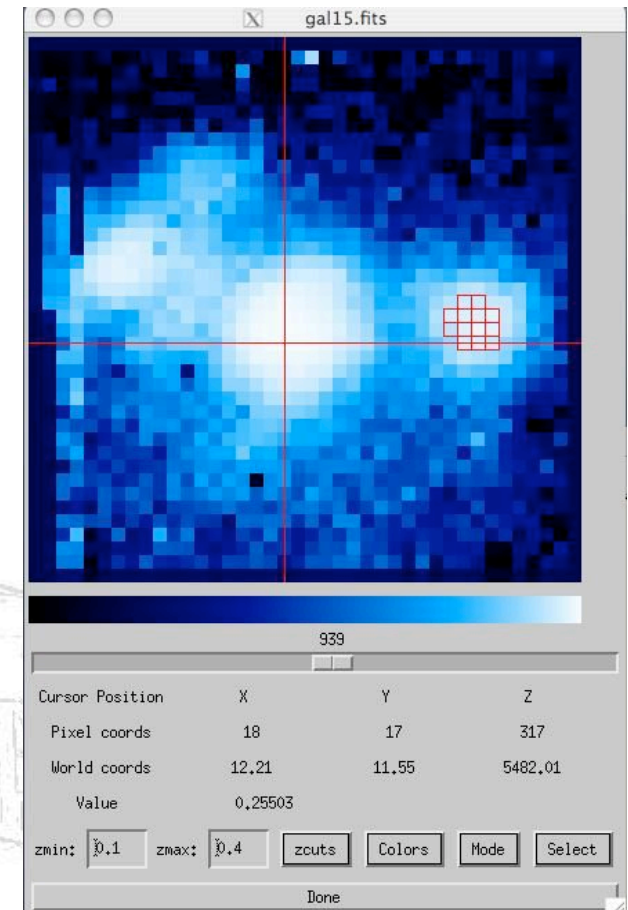
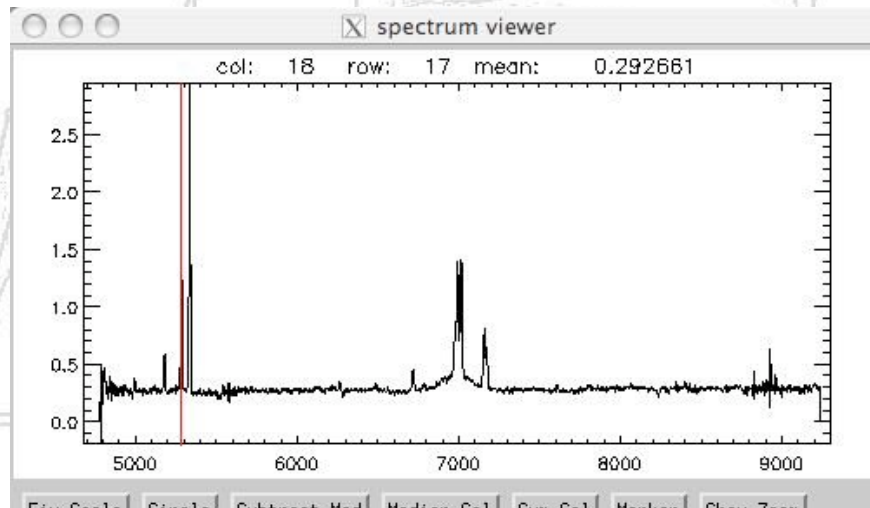
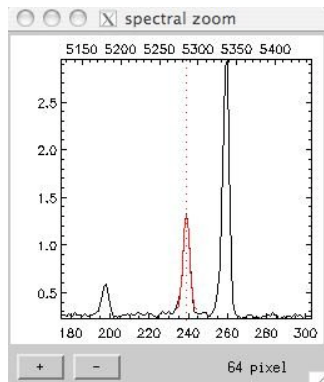


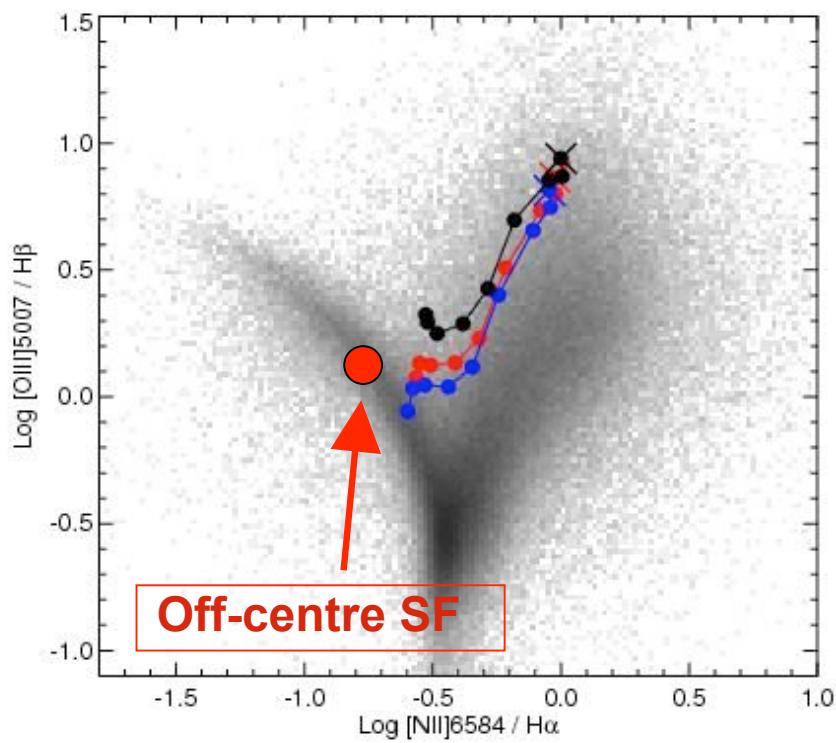
AIP

# Mapping Jet Activity in an Interacting Seyfert

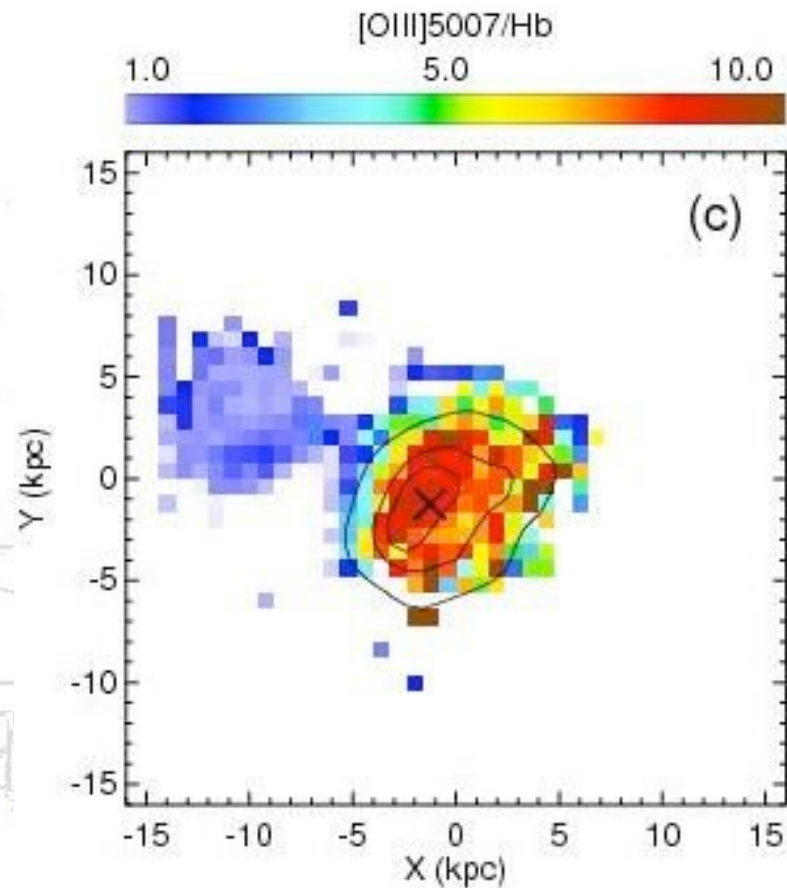
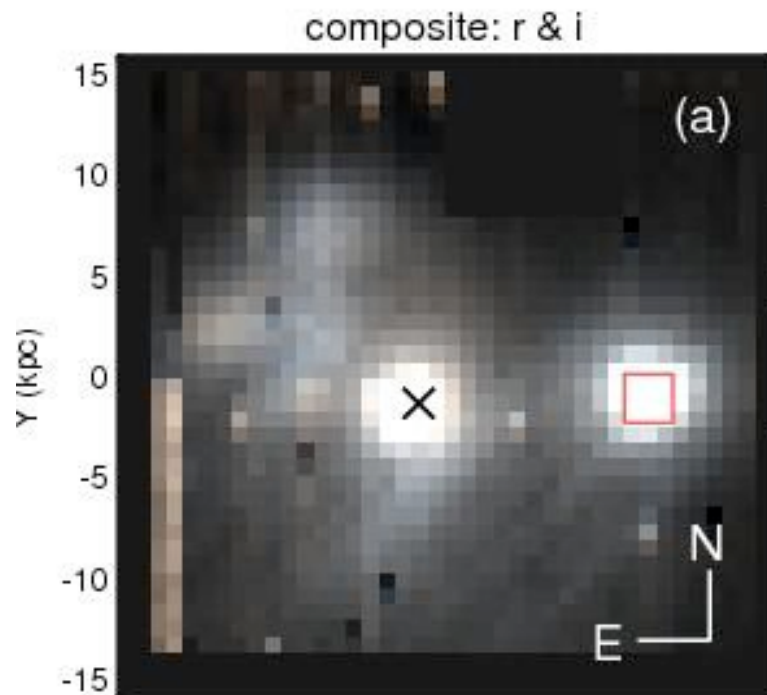
Joris Gerssen, D. Wilman, L. Christensen, R. Bower & V. Wild

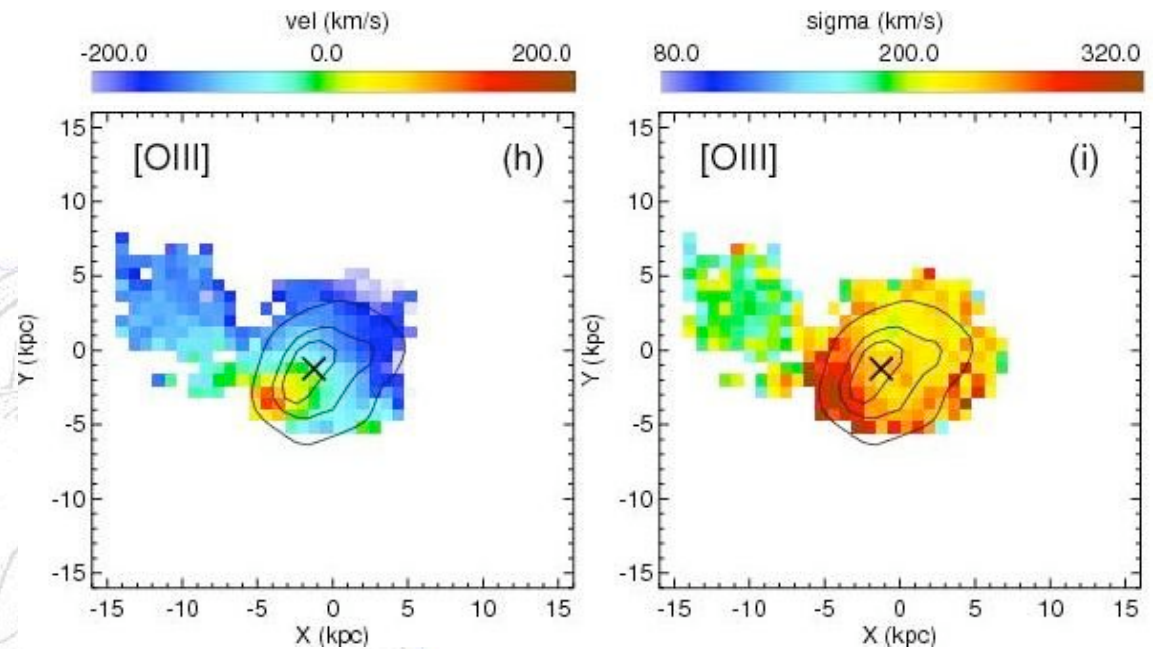
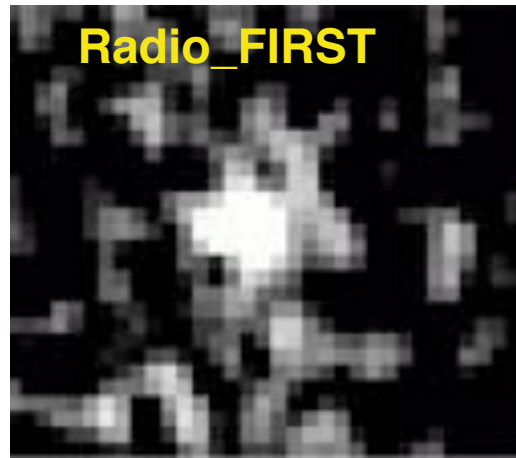
- VIMOS IFU (MR mode) observations
  - LEDA 135736, Seyfert 1.9,  $D = 293$  Mpc
  - $T_{\text{exp}} = 60$  min
  - Seeing  $> \sim 1.5$  arcsec
- Data reduction:
  - ESO pipeline followed by dedicated post-processing scripts (IDL)
  - Interactive visualisation (IDL)





- Large Extended Narrow Line Region,  $R > 9$  kpc
- Off-centre star formation at 10 kpc
- Elliptical companion,  $R_{\text{proj}} \sim 12$  kpc





- Radio (unresolved) data indicates **jet activity**
  - Assume that it is aligned with ENLR
- Kinematic maps show components aligned with ENLR
- **Correspondence suggests that the kin. features are triggered by interactions with radio structure**
  - Which, in turn, could have been triggered by the interaction/merger
- Follow up:
  - spatially resolved **radio** data
  - **stellar kinematic** maps to constrain kin. perturbations



