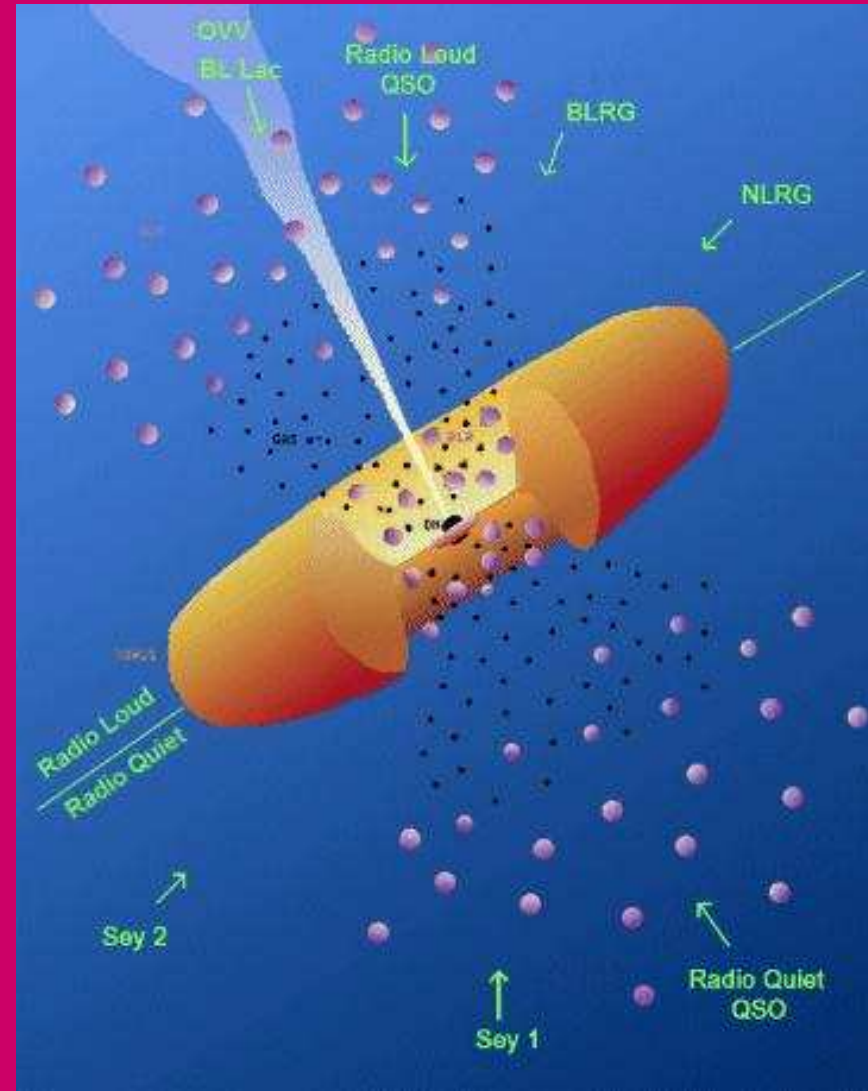


Studying "elusive" AGN & modelling the near-infrared FeII emission of NLSy1s

Aurea Garcia Rissmann
LNA / MCT, Brazil

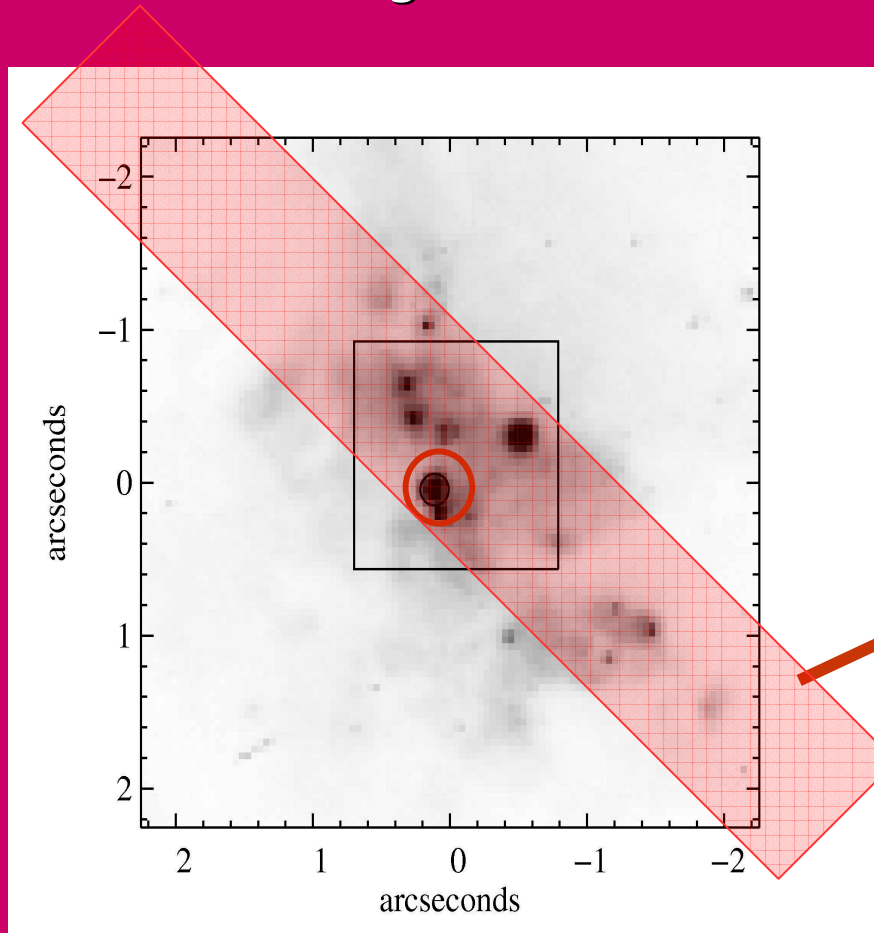


YELLOW PANEL TO THE RIGHT

Goutelas, June 2006

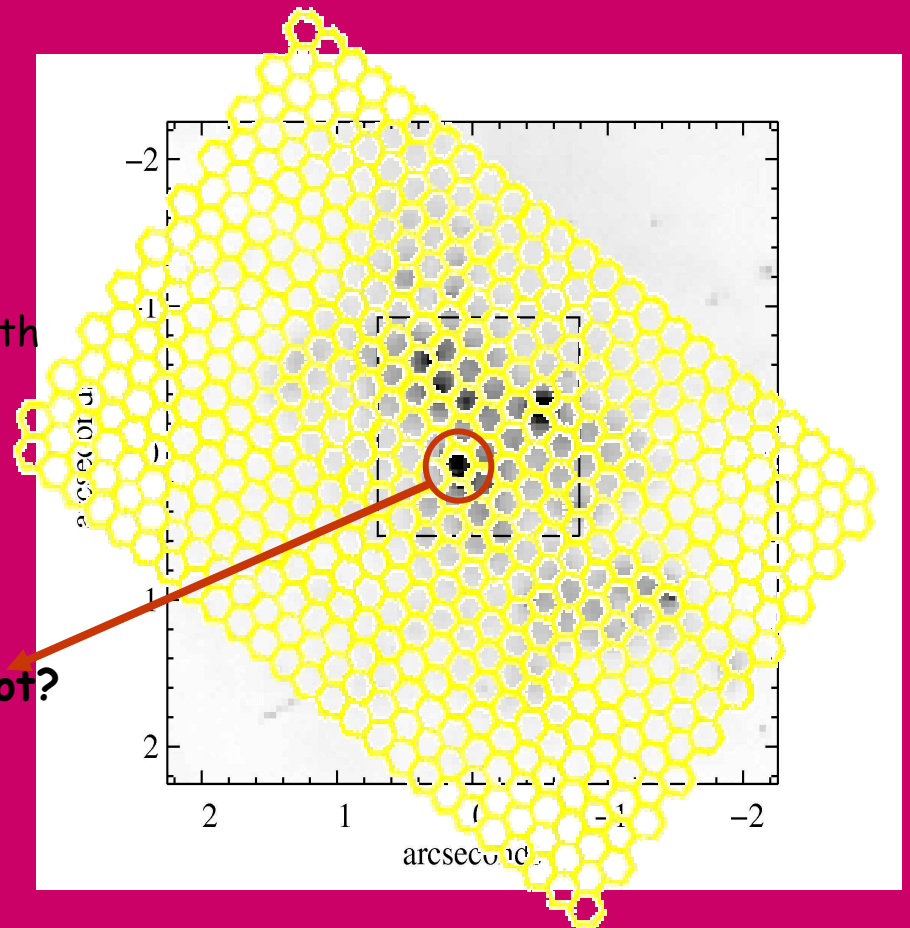
Disentangling the several contributions in elusive AGN

Traditional long-slit observations



NGC 6221

$\frac{1}{2}$ GMOS IFU field and its 0.25" lenslets



1" width

AGN knot?

Other collaborators in this project:

Roberto Cid Fernandes (UFSC/Brazil)

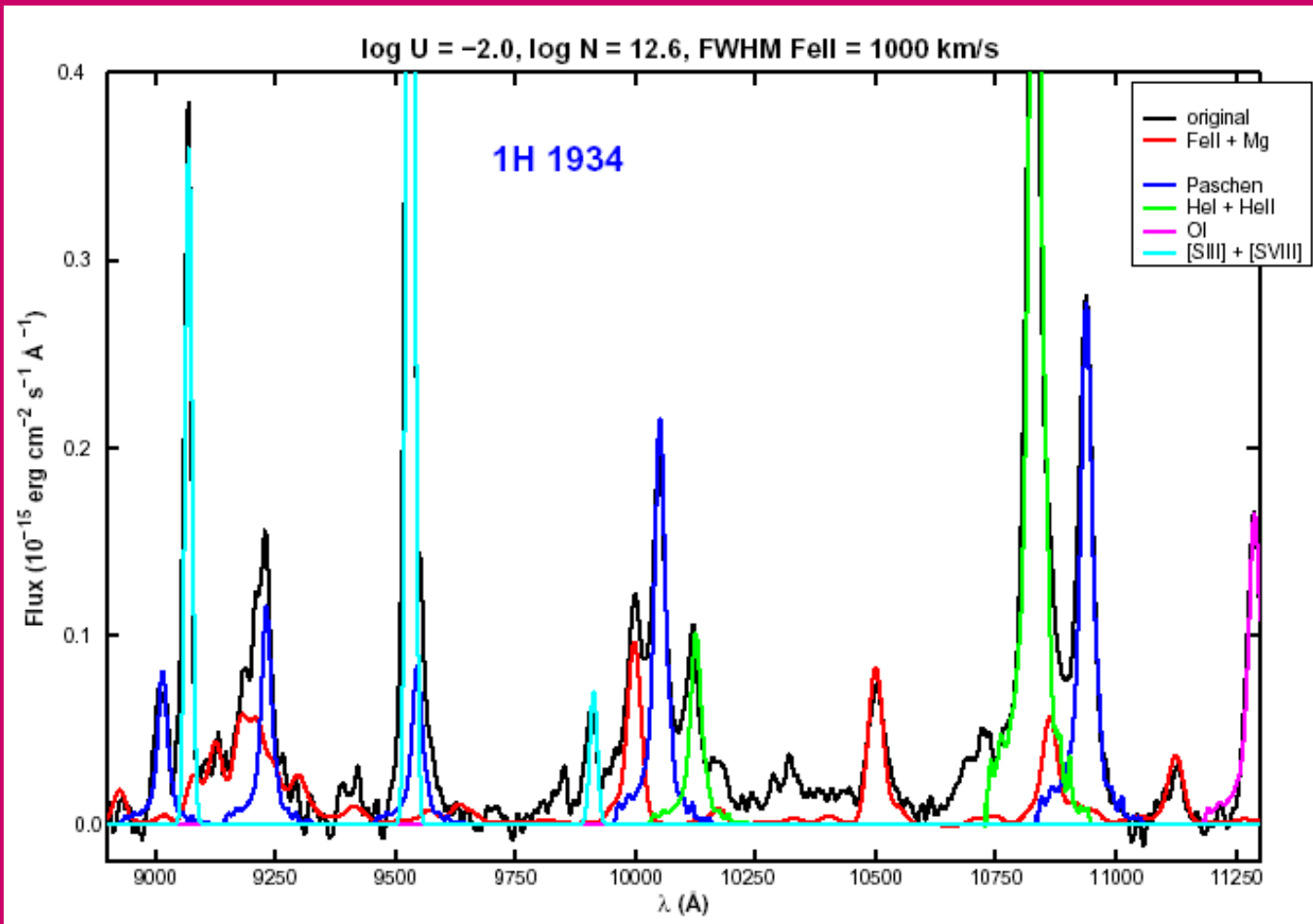
Alberto Rodriguez Ardila (LNA/Brazil)

Henrique Schmitt (Naval Lab/USA)

Juan Pablo Luis Papaqui (UFSC/Brazil)

Modelling the near-IR FeII in NLSy1s

The best solution found for the sample of objects points towards a large value of N_H ($10^{12.6} \text{ cm}^{-3}$) and moderate-to-high ionization parameter ($\log U \geq -2$).



- I Zw 1
- Mrk 493
- Ark 564
- PG 1448
- NGC 4051
- NGC 4748
- 1H 1934

Other collaborators:

- A. Rodriguez Ardila (LNA/Brazil)
- A. Sigut (UWO/Canada)
- A. Pradhan (OSU/USA)