3D spectroscopy of star forming regions in nearby galaxies Oleg Egorov (SAI MSU & SAO RAS, Russia)



100 pc

1.0

0.8

0.4 0.2

-200

-100

Normalized flux 0.6 Profile 1

- Gas kinematics and chemical ۲ abundances in nearby galaxies
- Stellar feedback from young ٠ clusters and massive stars in HII regions: superbubbles, outflows, shocks etc.
- Searching and investigation of ۲ unique high energy sources in star forming regions: ULXs, SNRs, WR stars, LBV etc.

