

# ZBLLAC

A Spectroscopic Library of BL Lacertae Objects

Boris Sbarufatti, Università dell'Insubria

Renato Falomo, INAF – Osservatorio Astronomico di Padova

Aldo Treves, Università dell'Insubria

# ZBLLAC goals

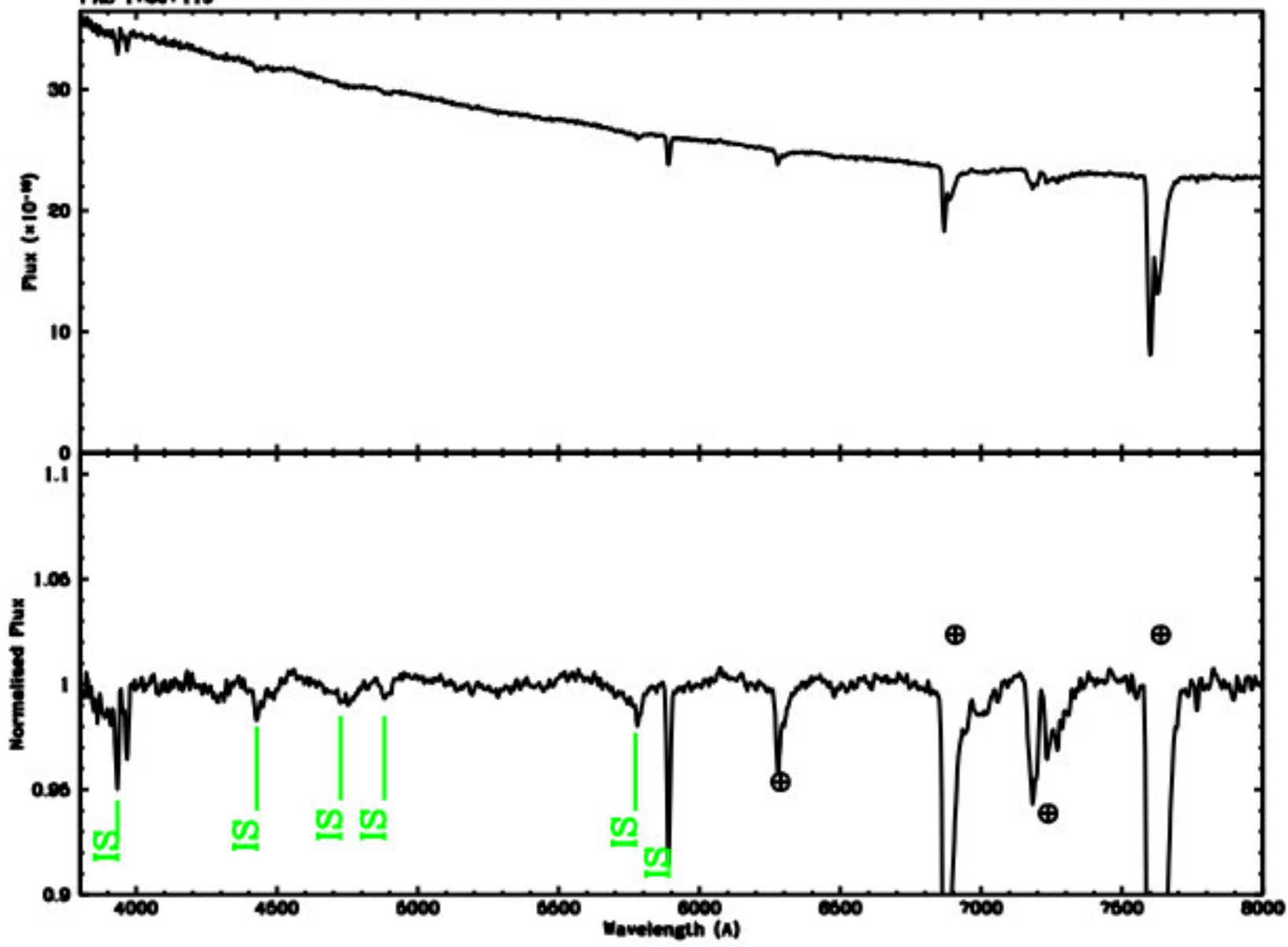
- Build an high quality, homogeneous library of optical spectra for BL Lac objects, available to the community
- Build a database of **verified**, easily accessible redshifts

For each redshift, corresponding spectrum and reference are given

# ZBLLAC sources

- Observational campaigns at ESO with the 3.6 m and VLT telescopes
  - ESO 3.6m: spectra in Sbarufatti et al. 2006 (A&A, accepted for publication)
  - ESO VLT: spectra in Sbarufatti et al. 2005 (AJ), Sbarufatti et al. 2006 (AJ, in press)
- Spectral range  $\sim 4000\text{-}8000 \text{ \AA}$
- Spectral resolution  $\sim 10 \text{ \AA}$
- Minimum S/N 20, average S/N 100

PKS 1722+119



# ZBLAC development

- Add future spectroscopy from ongoing programs (ESO VLT observations ongoing)
- Insert contribution from other authors

- **Currently: E-mail submission to ZBLAC authors**
- **Soon: direct upload by online form**

# ZBLLAC web page

- The ZBLLAC home page can be found at the URL

<http://www.oapd.inaf.it/zblac>