Instructions for contributing to ZBLLAC

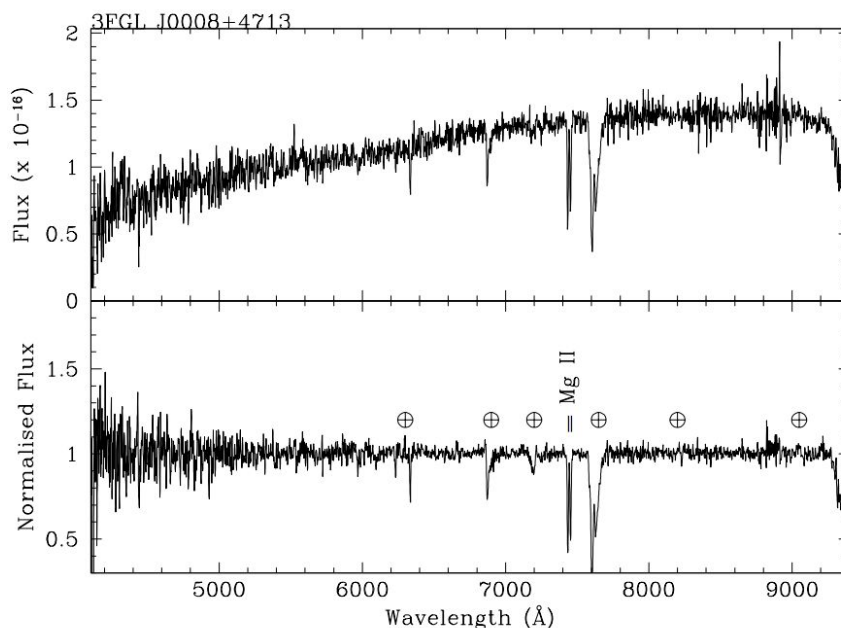In order to contribute for the database ZBLLAC please provide the following information and data.

File Format:

It is necessary to give a 1D spectrum text file in which the first column reports the observed wavelength (units of Angstrom) and the second column the differential spectral flux in units of 10^{-16} erg/cm^2/s/A.

Example of text file containing the spectrum:

```
4105.00   6.040e-01
4106.00   5.668e-01
4107.00   5.300e-01
4108.00   4.934e-01
4109.00   4.550e-01
```

Figure Format:

Moreover, also a figure of the spectrum is required to be uploaded. The file figure should be similar to the ones already reported in the database. As general rule, it should be composed

by two panel where the first one reports the calibrated spectrum in the same unit of the file (see above) and the second one shows the normalized spectrum with identification of possible spectral features.

The figure shall also report the name of the source and the redshift (if known).

Table format:

Provide a plain ASCII table containing information on the spectrum of each source that should be added to the current ZBLLAC database.

In particular, the file must be a plain text file (ASCII) with one row for each source with the following format:

```
#objName; ra; dec; z; mag (V); specSPC; specPDF; Reference ; type; setup;
date
# NOTE : fields are separated by ";"
#
#Sample file for ingeting  the new spectra into the ZBLLAC database
#
# Example
#
PKS 0048-097 ; 00 48 00.0; -09 07 00.0; 0.680 ; 15.50 ; 0048TXT.dat;
0048PDF.pdf; Landoni et al 2013 ; B; 13; 05 July 2010
PG 1553+113 ; 15 53 00.0; +11 30 00.0; 0.680 ; 14.50 ; 1553.txt; 1553.pdf;
Landoni et al 2012 ; B; 10; 05 February 2009
```

Links to publications:

The contributor shall also provide ADS link for publications which objects refers to with basic bibliographic information and the link to ADS or other available server with online publication.

Example:

Landoni, M. Falomo, R., Treves, A. Scarpa, R., Reverte Payá, D. 2015, A.J.149 163