



ID de Contribution: 6

Type: Non spécifié

PhotoZ : Fit of Stellar Population Synthesis models on Spectral Data

vendredi 15 décembre 2023 09:00 (20 minutes)

Our aim is to extract SED templates from spectral and photometric data observed at high redshift to update the database of SED templates used for the PhotoZ SED Template fitting.

At present, we have a set of 550 spectra observed on the Fors2 instrument of the UT1 telescope at the VLT by astronomer Edmond Giraud (LUMP, Eric Nuss and J. Cohen-Tanugi) at an average redshift of 0.3.

These spectra have been supplemented by photometric observations from the Galex and KIDS-VISTA surveys. We'll show how we can fit DSPS model parameters and dust parameters to these data to extract dereddened spectra that we can compare with those obtained with StarLight by Eric Nuss.

This presentation is related to Joseph Chevalier's presentation on obtaining the best SED templates for PhotoZ codes such as LePhare++.

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Classification de Session: Science talks