

Seminarium Astrofizyczne
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**The main objective of Herschel Extragalactic Legacy Project (HELP).
Spectral energy distribution fitting, the influence of the attenuation laws for
main parameters and dust luminosity predictions.**

HELP's primary objective is to provide a rich new data set characterising the physical properties of hundreds of thousands of distant galaxies. My task in this project is to find a new, statistical method to check the quality of the SED fitting of varied types of galaxies. I am going to introduce a new approach which can give more precise information about the quality of the modelled SED. The analysis can also be used as a tool to select specific objects like for example possible lensed galaxies. I will also show what the influence of used dust attenuation models for main physical parameters like stellar mass. I am going to present the method based on the ~60 000 galaxies observed in COSMOS and ELAIS N1 fields.

Serdecznie zapraszam,
Agnieszka Majczyna