

Seminarium Astrofizyczne
wtorek 29.01.2019 godz. 12:30
Hoża 69 pawilon sala 22

Raphael Shirley

(Astronomy Centre, Department of Physics and Astronomy, University of Sussex, Brighton, UK)

**The Herschel Extragalactic Legacy Project (HELP);
The ‘masterlist’, full pipeline and data dissemination tools.**

The Herschel Space Observatory imaged 1270 square degrees of extragalactic sky in the far-infrared. These confusion limited images, where noise in galaxy fluxes is dominated by blending between unresolved sources, contain vast amounts of information about the star formation history of the universe. In this talk I will talk about the design and implementation of the Herschel Extragalactic Legacy Project (HELP) pipeline which was designed to take advantage of this huge dataset. I will talk about the statistical samples of galaxies we have constructed, show how to access and use the dataset, and suggest future areas for research and science exploitation of the data.

Serdecznie zapraszam,
Agnieszka Majczyna