X09a **Far infrared galaxies in AKARI's eye**

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I plan to present the results of SED fitting of far-infrared galaxies detected in the AKARI Deep Field-South (ADF-S) Survey, and discuss their properties. The ADF-S is one of the deep fields observed by the satellite AKARI in the far-infrared. It covers 12 square degrees close to the South Ecliptic Pole and it was chosen because of an exceptionally low Galactic cirrus emission which makes it a perfect field for observations of extragalactic objects. In the ADF-S, more than 2000 far-infrared sources were detected at 90 μm, most of which are identified as nearby galaxies with cool dust. I will present results of fitting of spectral energy distributions (SEDs) of $\sim$ 500 of these galaxies with the best photometry available, and I will discuss the properties of these population of galaxies, never observed before in such numbers nor such details.