

On the Infrared properties of Dusty

Preliminary Results

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* 52 Seyfert galaxies selected from The 12 μ m Extended Galaxy Sample (Rush, Malkan & Spinoglio, 1993), high quality and high spatial resolution imaging in JHKLMN





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- Determination of the torus contribution
- Nuclear IR SED construction

Comparison between observational results and theoretical predictions



Our Project

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Determination of the torus contribution

Nuclear IR SED construction

Comparison between observational results and theoretical predictions

Complementary multiwavelength data: spectropolarimetry,





Theoretical modelling

The galaxy modelImage: Servic's deltaImage: Servic's profileImage: Servic's profile (if necessary)Image: Serv



Theoretical modelling



SED error estimates:

parameter errors from Montecarlo simulations, and photometric errors

Galaxy Modelling (MCG-3-34-64)

ab













Nuclear IR SEDs





Nenkova, Ivezić, & Elitzur 2002



Nuclear IR SEDs





