



Contribution ID: 324

Type: **Poster Presentation**

A Magnetic Field Study Using Polarized Dust Emission of Nearby Starburst Galaxies

Thursday, 14 July 2011 17:00 (2 hours)

<p>We will present submillimeter (submm) polarized imaging of the nearby star-forming galaxies M82 and NGC253. The data, obtained with the Caltech Submillimeter Observatory in Hawaii, probe the emission from dust grains aligned by magnetic fields in these galaxies, and thus fields in relatively dense regions of the galaxies.

**Level (Hons, MSc,
 PhD, other)?**

PhD

**Consider for a student
 award (Yes / No)?**

No

**Would you like to
 submit a short paper
 for the Conference
 Proceedings (Yes / No)?**

Yes

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Co-author: THE SHARP TEAM (Northwestern University and others)

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Session Classification: Poster2

Track Classification: Track D1 - Astrophysics