



Contribution ID: 444

Type: **Poster Presentation**

## **Polarized Dust Emission of the Nearby Starburst Galaxies M82 and NGC253**

*Thursday, 12 July 2012 17:30 (2 hours)*

### **Abstract content <br> &nbsp; (Max 300 words)**

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.

### **Apply to be<br> consider for a student <br> &nbsp; award (Yes / No)?**

No

### **Would you like to <br> submit a short paper <br> for the Conference <br> Pro- ceedings (Yes / No)?**

Yes

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**Session Classification:** Poster Session

**Track Classification:** Track D1 - Astrophysics