

Stars and secondary calibrators

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Stellar Calibrators

List of 8 fiducial stars (checked for mm-excess)

MARCS models (EB) will be provided

- 5% uncertainty in FIR
- $F_{90} > 100 \text{ mJy}$
- primary calibrators for PACS
- alpha Boo, Beta And, Beta Peg and Gamma Dra should be observed by SPIRE (bright enough and low cirrus confusion noise)
- Models for 2-200 μm are now available
- Models ready up to 750 μm : May-June

Stellar Calibrators

- list of “secondary” stellar calibrators ($F_{90} < 100 \text{mJy}$):
linearity test for PACS bolometers
=> ISOPHT, Spitzer ($70 \mu\text{m}$)
- Absolute flux calibration will be based alpha Boo
(Leen & George agreed)

Secondary Calibrators

Listed 8 secondary calibrators

fluxrange: few - $\sim 100\text{Jy}$

- Stellar (mostly Herbig Ae/Be stars)

MWC 349 (high visibility), HD163296, HD 141569,
HD 142666

- accuracy of predicted fluxes 10-15%
- post-AGB stars (modelling ongoing)
- ULIRGS: Arp 220, Mrk 231, IRAS17208 and IRAS22491
 - observed with MIPS, radio observatories