



Herschel follow-up of the SCUBA-2 All-Sky Survey (SASSy)

- JCMT-accessible sky to a 5σ $850\mu\text{m}$ depth of 150mJy from late 2007; expect up to ~ 1000 galaxies
- More timely for Herschel Planck ERCSC, $14''$ beam
- AKARI drop-outs at $z > 3$
- Photometric & spectroscopic HSO OTKP goals:
 - SEDs, L_{bol} , M_{dust} , photo- z
 - “blind” spectroscopic redshift
 - Atomic line species (e.g. C+, O++, N+) and molecules (e.g. OH, H₂O) to probe SFR, ρ , T of ISM, radiation field, etc.



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