
News from the Herschel Lensing Survey

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Résumé

We present an analysis of a sample of $z \sim 2-3$ strongly lensed star-forming galaxies observed from the optical, near-IR, to the FIR/sub-mm covering their stellar, dust, and molecular components. The observations carried out with HST, Spitzer, Herschel, SCUBA-2, and at IRAM, are part of our multi-wavelength lensing survey derived from the Herschel Lensing Survey. We also reanalyzed the well-known lensed galaxies cB58 and the 'Cosmic Eye' in a homogeneous fashion. Our observations allow us to detect individual galaxies in the IR, below the usual depths of deep blank field studies, well into the LIRG regime and even below for some objects.

We also highlight recent results on searches for dusty very high redshift galaxies combining LABOCA, GISMO, Widex, and Herschel observations.

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