

# Dust emission and scattering in dense interstellar clouds

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I will discuss ongoing studies where near-infrared, mid-infrared, and submillimetre observations are used to investigate dust properties in dense interstellar clouds and cloud cores. The work is done partly within the framework of the Planck-Herschel programme Galactic Cold Cores. The increase of submillimetre dust opacity and the detection of mid-infrared scattered light are both seen as evidence of dust evolution. I will present some observational results and work done in modelling the data.