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## Debris discs around A type stars: New results from the DEBRIS survey

N.D. Thureau (1), G.S. Greaves (1), G.M. Kennedy (2), B.C. Matthews (3), N.M. Philips(4), B. Sibthrope (5) and DEBRIS team

(1) School of Physics and Astronomy, University of St Andrews, UK, (2) Institute of Astronomy, University of Cambridge, UK, (3) Herzberg Institute of Astrophysics, University of Victoria, Canada, (4) Institute for Astronomy, Royal Observatory Edinburgh, UK, (5) UK Astronomy Technology Centre, Royal Observatory Edinburgh

## **Abstract**

We present the new results obtained from the PACS (Photodetector Array Camera and Sprectrometer)100 and 160 microns high angular resolution imaging of the debris discs around a sample of 130 A type stars. This study is part of the Herschel DEBRIS (Disc Emission via a Bias-free Reconnaissance in the Infrared/Submillimetre) project which is targeting an unbiased sample of A-M stars. The aim of the study is to discover and characterise the cold Kuiper belt like debris discs surrounding these stars. Debris discs are the remnant from the planet formation. They can be detected through the thermal emission from the large amount of dust in the discs. The unprecedented sensitivity and angular resolution of Herschel will allow to shed new light on the occurrence and the physical properties of debris discs around A stars.