

*Workshop*

***Stellar End Products: The Low Mass - High Mass Connection***

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**Title:**

Dust-production rates of AGB stars in the Solar Neighbourhood

**Abstract:**

AGB stars are a very important contributor to the total dust mass injected into the ISM in galaxies. Due to foreground extinction and the large uncertainties in the distances for dusty objects, the dust-production rate by AGB stars in the Galaxy remains hard to evaluate. Using the GRAMS model grid, we determine the total dust mass-loss rate from AGB stars in the Milky Way using a 1 kpc distance-limited sample. The last estimate of this dust injection rate was done in the late '80s. Using new all-sky infrared facilities (WISE, 2MASS, and others), it is possible to provide a better estimate.