PLANETARY ACCRETION DEBRIS AND IR EXCESSES IN OPEN STELLAR CLUSTERS

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Poster Paper

We have initiated an infrared survey of 550 A-G main sequence stars in clusters with ages less than 1 billion years. This survey consists primarily of coadded IRAS survey photometry. The goals are: (1) to identify infrared excesses which might be attributable to protoplanetary accretion/collisional debris, and (2) to search for a possible trend with stellar age.