

Recent results of the chemistry in disks consortium

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Understanding the structure of the protoplanetary disks surrounding low to intermediate mass stars is a prerequisite to constrain planets formation mechanism. The study of molecular lines emission is an efficient tool to investigate the disk structure, but also requires relevant astrochemical models. Since 2004, the "Chemistry In Disks" (CID) consortium gathers experts in radioastronomy as well as astrochemists to study physical and chemical conditions in disks. Here we will present in the poster recent results obtained with the IRAM instruments and with ALMA.