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## Polycyclic aromatic hydrocarbons in disks around young solar-type stars

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**Polycyclic Aromatic Hydrocarbons  
in Disks around Young  
Solar-type Stars**

Cover : Spitzer image of the star-forming region L1688 in  $\rho$  Ophiuchus (courtesy NASA/JPL-Caltech/L. Allen, L. Cieza). The large-scale diffuse red emission (mostly on the rear cover) is due to Polycyclic Aromatic Hydrocarbons present in the remnant molecular cloud. Within this cloud, several clusters of young stars with circumstellar disks of dust and gas have formed, which show up in green and red on the front cover. Among these is IRS 48, studied in Chapter 3.

**Polycyclic Aromatic Hydrocarbons  
in Disks around Young  
Solar-type Stars**

PROEFSCHRIFT

ter verkrijging van  
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Vincent Carlo Geers  
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in 1980

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