



## HIGHLIGHTS: this week in A&A

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### A&A special feature

*Extended baselines for the IRAM Plateau de Bure interferometer: First results*

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The IRAM interferometer, located on the Plateau de Bure at 2500 meters altitude in the French Alps, has entered a new era since the beginning of 2006. The tracks, on which the six 15-meter diameter antennas move, have been extended, nearly doubling the east-west and north-south baselines. The largest separation of the antennas is now 760 meters, enabling sub-arcsecond angular resolution at millimeter wavelengths. This special issue of *Astronomy & Astrophysics Letters* presents first results with the extended baselines of the Plateau de Bure interferometer. Eleven Letters report observations done at sub-arcsecond resolution of objects ranging from nearby star-forming regions and evolved stars to starburst galaxies.

### Star formation in Perseus

*"Star formation in Perseus. II. SEDs, classification, and lifetimes"* by J. Hatchell et al.  
[A&A 468, p. 1009](#)

Understanding protostellar evolution requires reliable estimates of the time spent in various evolutionary phases and this in turn requires the statistics of the number of accreting protostars relative to pre-main sequence stars and to prestellar cores. This article supplies such estimates for the stars forming in the nearby Perseus molecular cloud.

