

HIGHLIGHTS: this week in A&A

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In section 6. Interstellar and circumstellar matter

"Detection of circumstellar CH₂CHCN, CH₂CN, CH₃CCH, and H₂CS", by M. Agundez, J. P. Fonfria, J. Cernicharo, J.R. Pardo, and M. Guelin, *A&A* 479, p. 493

We are still far from a detailed understanding of how molecules are formed in space but one clue is provided by the analogies between chemistry in circumstellar envelopes and in nearby molecular clouds. This paper is a new contribution to the discussion with the discovery in the nearby C-rich AGB star IRC10216 of four molecules (vinyl cyanide, the cyanomethyl radical, methylacetylene, and thioformaldehyde) previously found in the interstellar context but not known in circumstellar envelopes. They confirm however that highly unsaturated species are most common in some interstellar clouds.

