

## **Experimental Studies of Molecule Formation on Astrophysical Surfaces at Low Temperatures**

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Heterogeneous catalysis on dust grains has been proven to be very important for the chemical enrichment of interstellar clouds through a relevant series of experiments performed by several groups in conditions and on surfaces close to realistic ones.

I will present results relative to species that need surfaces either to be synthesized or to be formed more efficiently than in the gas phase.

Attention will be paid to the mechanisms that might be involved.