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■Title

Clarifying the early stage of star formation with ALMA

■Summary

Recently, circumstellar disks, outflows and jets around very young protostars can be observed by ALMA. On the other hand, recent numerical simulations can reproduce the formation of the circumstellar disk and the driving of the protostellar outflow and jet. As a result, we can directly compare ALMA observations with simulation results. The purpose of this research is to unveil the early stage of star formation by combining the ALMA observations and numerical simulations.