

Chronology of the Solar System; as one example of early evolution of ubiquitous low-mass stars

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Recent ALMA observation with high-sensitivity and high-spatial resolution has provided us a transformational information on macroscopic evolution of the protoplanetary disks such as a ring-structure and arm-structure. On the other hand, meteorites and/or returned samples from Moon/Asteroids/Comets have provided us microscopic information on material-scientific evolution in the Solar nebula around the Sun, which is one example among ubiquitous low-mass stars. Especially, recent high-precise isotopic measurements of meteorites enable us to decipher the history of the inner Solar system with time-resolution of 1 million years. At the conference, I will give a quick review of the chronology of the Solar System obtained from various meteorites, and wish to expand the discussion with those who investigate the outer solar system and/or the exoplanet forming region.

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