

From Solar Nebula to Asteroids and Comets

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In this study program we will explore the chemical and dynamical interrelation of the asteroids and comets with the solar nebula. We will begin with the formation of the snow line(s) in the accretion disk and the mixing of the gas and dust components prior to the stage of planetesimal accretion. Space observations and ground-based observations of asteroids, comets and the trans-neptunian objects will be analyzed with a view to identify the times and processes of their formation and dynamical evolution.