

Friday, 10.01.2025, 1:15 p.m.
in Lecture Hall I of the Physics Institute

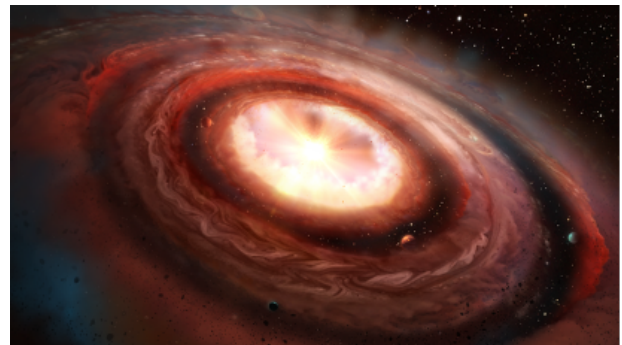


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„Rings of Dust and Gas - The Keys to Understanding the Origins of Planets“

Over the past 15 years, the Atacama Large Millimeter/submillimeter Array (ALMA) in the Chilean desert has revolutionized our understanding of planetary formation. ALMA has not only provided the expected large samples and high-resolution images of planet-forming material, but it has also led to groundbreaking discoveries that challenge existing theories. One of the most striking revelations is that planets form much faster than previously thought. In this talk, I will explore the key concepts and scales involved in the process of building planets from micrometer-sized cosmic dust. I will discuss how theory and observations help us reimagine how planetary systems, both similar and very different from our own, are formed.



Everybody is welcome, especially students of all semester