

Physics & Astronomy Colloquium

Presents

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Thursday, October 3, 2019
4:10 pm, Webster Room 17

“How old are Saturn’s rings (and moons)?”

Saturn's rings are its most distinctive feature, but there is still a lot of uncertainty about how they formed. Recent observations suggest that Saturn's rings might be only 100 million years old, which is much less than the age of the Solar System. This has led to quite a bit of speculation about how Saturn could have acquired its rings so recently. At the same time, there are also hints that some of Saturn's moons might not be as old as the Solar System, further complicating the Saturn system's history. This talk will describe the current observations that constrain the age Saturn's rings and moons, and discuss possible ways the rings could have either formed in the geologically recent past or appear to be exceptionally young.

Please meet our guest speaker and share in refreshments 3:45-4:10 p.m. in the foyer on floor G above the lecture hall

Host: Dr. Guy Worthey



PHYSICS AND ASTRONOMY

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