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Title: Solid Planets from Kepler: How do the New EOS and Models Do?

Type: Poster

Session: Characterizing Transiting Planets

Abstract: The poster will cover new work on the high-pressure EOS of water, water mixed with volatiles, and

silicates. The planet cooling evolution models give us clues to the transition from mostly fluid to mostly solid interiors in a part of the mass-diagram where Kepler has discovered and confirmed a number of

planets

We will review some of these recent data and compare to models and their constraints.

Co-authors: Li Zeng (CfA), Amit Levi (CfA)