



Dr. Carl Schmidt

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Dr. Carl Schmidt is a research associate at the University of Virginia Materials Science and Engineering Department. He received his PhD from Boston University and specializes in planetary science. His research concerns gas escape from atmospheres in our solar neighborhood, particularly Mercury, Saturn's moon Titan, Jupiter's moon Io, and our own Moon. To study these atmospheres, and their loss to interplanetary space, he applies several methods, including multi-instrument telescopic observations, numerical Monte Carlo simulations, and the analysis of data from spacecraft that visit these worlds directly.