

Bio: Danya Hudson, PhD

A fascination with space at an early age led Danya Hudson to study Physics & Astronomy at the University of Victoria, but by graduation she had decided to move to the more applied field of Aerospace Engineering. She completed her Master's at the University of Texas at Austin while working on the GRACE twin satellite geodesy mission, followed by a PhD at the Université Pierre et Marie Curie (Paris VI) where she contributed to the development of an electrostatic accelerometer for testing the Equivalence Principle in space.

Dr Hudson has worked as a systems engineer at COM DEV Ltd (now Honeywell Aerospace) for over ten years. She has enjoyed the opportunity to contribute in a variety of capacities to different programs, ranging from mission concept studies, to formal verification and testing, to on orbit commissioning, on programs such as M3MSat, QEYSSat, and very briefly JWST. Currently Dr. Hudson is the Systems Engineering lead for the Space Greenhouse within Honeywell, with oversight for systems engineering activities for all optical communications related programs.