

# **Eric Perlman, Ph.D.**

**Professor | Aerospace, Physics and Space Sciences at Florida Tech**

Melbourne, FL, US

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## **About**

Dr. Eric Perlman is an observational astrophysicist whose research concentrates on the nuclei of galaxies, their physics and evolution, particularly those in which the central black hole has a large rate of accretion and is abnormally active (the so-called active galactic nuclei, or AGN). He also specializes in the structure and physics of high-velocity outflows from compact objects and AGN, particularly, jets. He has a strong interest in clusters of galaxies, galactic activity in clusters and observational cosmology. He takes a multiwaveband approach to these subjects, and has worked in virtually every energy range from the radio through gamma-rays. Dr. Perlman has, in the process of his research, received over \$2 million in grants, including two 5-year NASA Long-Term Space Astrophysics Program grants, a 3-year NSF grant, and multiple smaller grants for observations with the Hubble Space Telescope and Chandra X-ray Observatory. He is a member of the AGN science team for CanariCam, a first-light instrument for the Gran Telescopio Canarias, currently the largest ground-based optical/infrared telescope. Dr. Perlman came to Florida Tech in 2007 after postdoctoral fellowships at Goddard Space Flight Center and the Space Telescope Science Institute, as well as research staff and research faculty positions at Johns Hopkins University and the University of Maryland, Baltimore County. He maintains a large research group that includes a postdoctoral fellow as well as typically 3-4 graduate students and an equal number of undergraduate research assistants. In his spare time, he enjoys chess, singing, Scrabble, playing with his kids, reading, photography and working out.

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## **Areas of Expertise**

James Webb Space Telescope, Galactic Activity, Galactic Nuclei, Astrophysics, Black Holes, Astronomy

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## **Affiliations**

International X-ray Observatory Science Associates : Member, AAS Working Group on Professional-Amateur Collaboration : Member, CanariCam Science Team : Member

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## **Education**

**University of Colorado Boulder**

Ph.D. Astrophysics

**Occidental College**

A.B. Physics

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