

Bio – Dr. Andrew Connolly

Dr. Andrew Connolly is a Professor of Astronomy at the University of Washington, Seattle. He has a long-term interest in machine learning and its application to cosmology and astrophysics. He is the Director of the DIRAC Institute at the University of Washington. He was previously the Computing Coordinator for the Dark Energy Science Collaboration (DESC), a DOE-led collaboration of over 500 scientists focused on dark energy science with the LSST, led the development of the software for alert generation for the LSST at the University of Washington, and was the Simulation Scientists for the LSST. He has 25 years of experience in leading and developing statistical and machine learning tools for astronomy, coauthored a book on machine learning for astronomy, “Statistics, Data Mining and Machine Learning in Astronomy: A Practical Python Guide for the Analysis of Survey Data,” and has taught numerous summer schools and courses in these areas. While on sabbatical at Google in 2006, he led the development of GoogleSky.