

## Latest Results from the HAWC Observatory

*Monday, 10 January 2022 17:30 (30 minutes)*

In this presentation, I will discuss how the wide field-of-view, high-duty cycle, and excellent sensitivity at energies above 10 TeV make the HAWC Gamma-Ray Observatory a uniquely suited instrument to survey the Northern Hemisphere sky for cosmic-ray acceleration, distribution, and propagation, gamma-ray transients, dark matter signals, and other fundamental physics phenomena. I will present the latest HAWC results and examine their impact on the understanding of our galaxy and beyond. I will conclude with an exploration of the prospects offered by future observations with currently operated and planned TeV survey instruments, including HAWC and SWGO.

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