

Cooper Fellow

LECTURE SERIES

Thursday, October 26, 2023 3:30 P.M. via Zoom

<https://miami.zoom.us/j/94469254955>



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Professor of Physics

**Title: *A view from space:
Astrophysics using sounding rockets***

X-rays from outer space allow us to study high energy phenomena in the universe, such as black holes, supernova explosions, and to track the evolution of the universe. However, X-rays cannot penetrate Earth's atmosphere, so X-ray telescopes must be launched in space.

This talk will present an overview of NASA's sounding rocket program used to send telescopes in space, with focus on the work done by the University of Miami X-ray Astrophysics group. In the past 10 years, UM has sent 4 suborbital rockets in space through the highly successful DXL campaign, and a new telescope, called LXT, has just been approved by NASA for launch in 2026.



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Cooper Fellows Lectures are free and open to the public.

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