Seventeenth Marcel Grossmann Meeting



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Type: Invited talk in a parallel session

NICER discoveries of repeating extragalactic nuclear transients

Monday, 8 July 2024 18:10 (20 minutes)

A new subclass of transients spatially coincident with centers of galaxies have been uncovered in the past few years. One of the leading hypothesis for these repeaters is that they could be driven by objects orbiting massive black holes. I will give an overview of how NICER's large effective area and excellent maneuverability have been instrumental in making these discoveries.

Primary author: PASHAM, Dheeraj (MIT)

Co-authors: TOMBESI, Francesco (Tor Vergata University of Rome); ZAJAČEK, Michal (Masaryk Univer-

sity); SUKOVÁ, Petra (Astronomical Institute of the CAS)

Presenter: PASHAM, Dheeraj (MIT)

Session Classification: A NICER view of extreme gravity from the International Space Station

 $\textbf{Track Classification:} \quad \text{Compact Objects and Stellar Evolution (CO): A NICER View of Extreme Gravity}$

from the International Space Station