## Searching for Dark Matter Subhalos in Astronomical Data using Deep Learning

Speaker: Sven Pöder



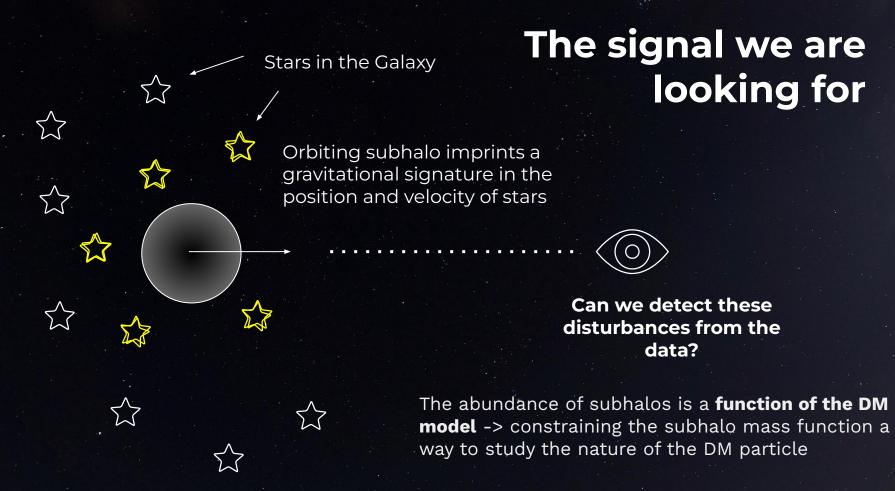
UNIVERSITY OF TARTU

Tartu Observatory

Also go check out poster of María Benito Castaño



**EuCAIFCon 2024** 

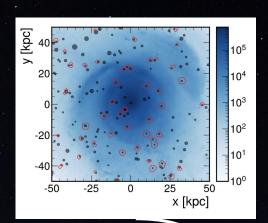


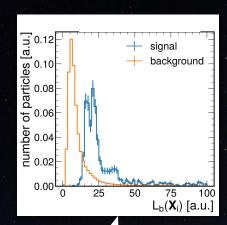
Sven Pöder

## On constraining the subhalo mass function..

doi:10.1016/j.ascom.2022.100667

Star-by-star anomaly detection in galaxy simulations





Difference between background and stars near subhalos Ongoing work

## Studying signal detectability in N-body simulations

