



Siddhant Mishra-Sharma (MIT/AI FI) Summer School



170

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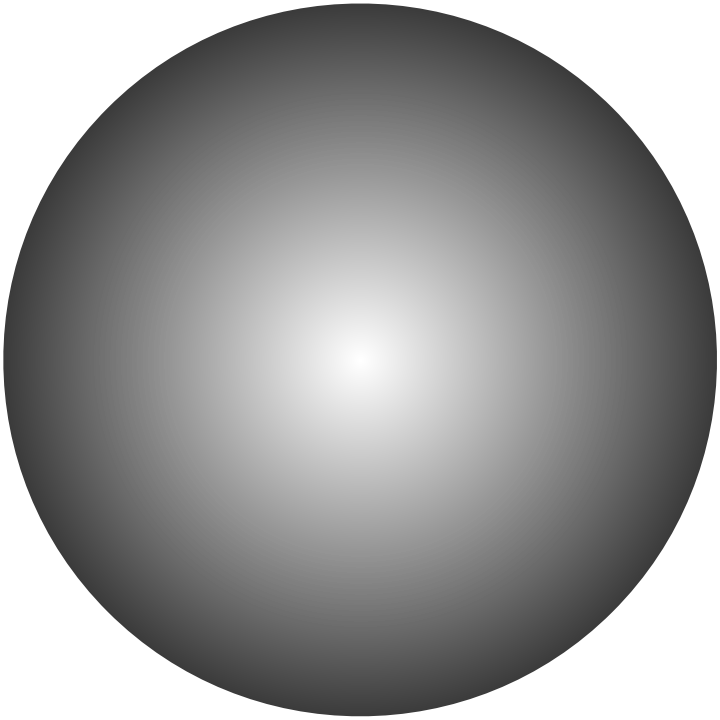
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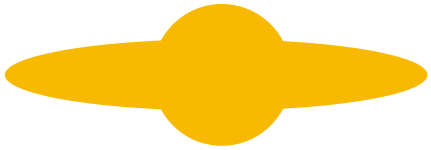
Another application: extracting the dark matter distribution from dwarf galaxies

[Nguyen, SM et al 2022]

















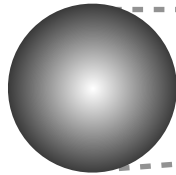








*Galaxies and clusters*



*Dark subhalos*



Dwarf galaxies





*Size/master subhalos*

*Dwarf galaxies* are intermediate-sized galaxies well-suited for studying dark matter



# *Fornax dwarf galaxy*



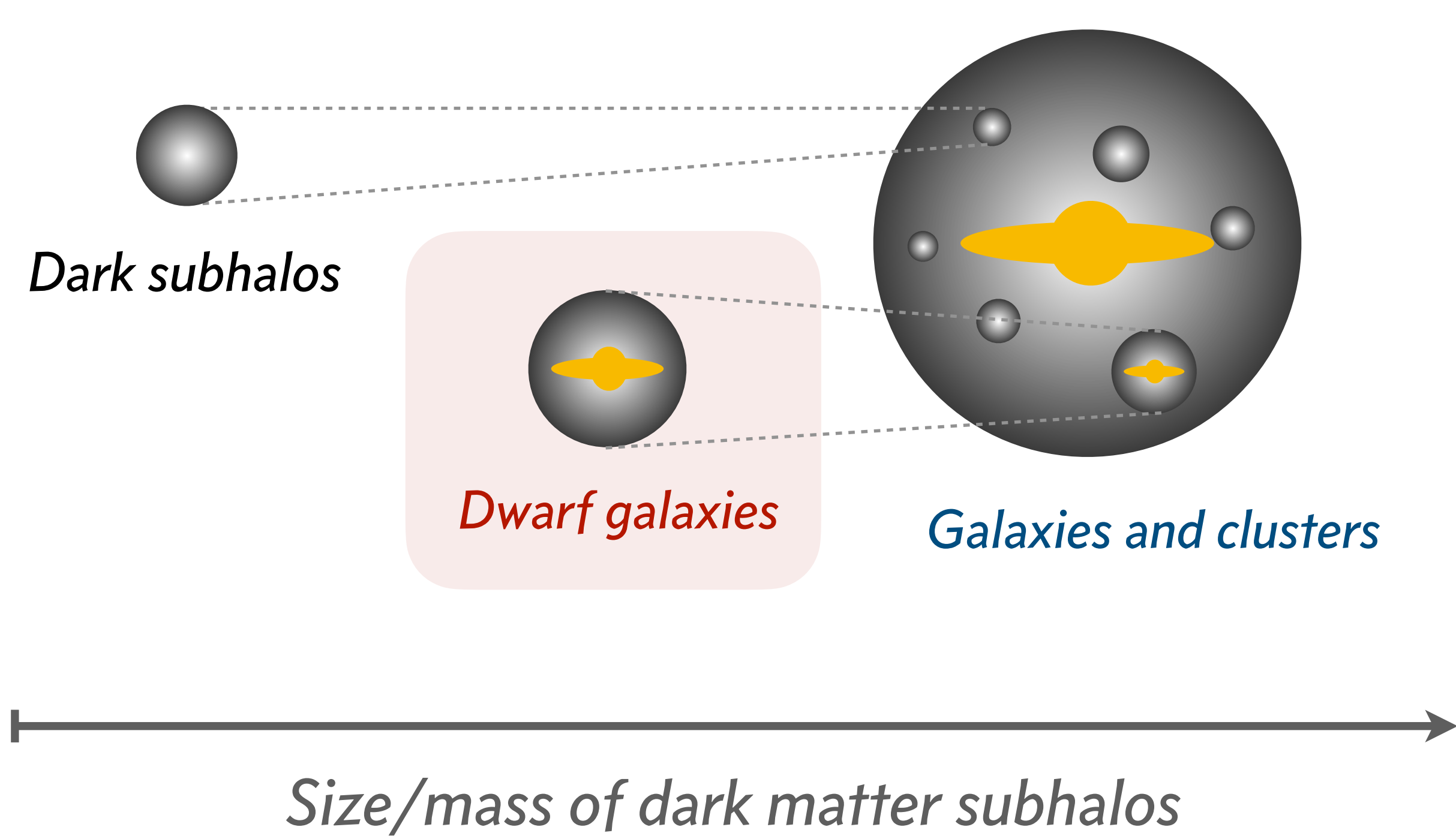
ESO



# Another application: extracting the dark matter distribution from dwarf galaxies

*Dwarf galaxies* are intermediate-sized galaxies well-suited for studying dark matter

[Nguyen, SM et al 2022]



*Fornax dwarf galaxy*



# Extracting the dark matter distribution from dwarf galaxies

[Nguyen, SM et al 2022]

