University of Crete
Department of Physics

Joint Physics & IA/FORTH Colloquium

Thursday, 29 October 2026 | 17:00 – 18:00, Seminar Room 3rd Floor

Self-interacting dark matter, the gravothermal catastrophe and the inner structure of small galaxies

Prof. Simon White
Max Planck Institute of Astrophysics, Garching, Germany

ABSTRACT

This talk discusses recent work on self-interacting dark matter and the collisional evolution it causes in dark matter haloes. It explains why this is currently a favoured interpretation of the inner structure of small dwarf galaxies, both those that are seen and those that are unseen.

Join via ZOOM at:
https://ia-forth-gr.zoom.us/j/89308832813?pwd=1npCtXEbITOsQ1448rLMkYubQRT1XL.1