

A poster for the Colloquium DFA event. It features a dark blue background with a red circular graphic on the left. The text 'COLLOQUIUM DFA' is in large white letters. Below it, 'JUNE, 9TH 2022- 3 PM' and 'LAURA FERRARESE' are listed. Her affiliation, 'NATIONAL RESEARCH COUNCIL OF CANADA, HERZBERG ASTRONOMY AND ASTROPHYSICS RESEARCH CENTRE', and the topic, 'Galaxies at the extreme', are also included. A photograph of a galaxy cluster over a mountain landscape is shown in a red-bordered frame. At the bottom, it says 'IN PRESENCE (Aula Rostagni) - ZOOM MEETING - YOUTUBE STREAMING'.

Galaxies at the extreme

Understanding galaxy evolution — how galaxies change over time and what processes are responsible for the variety of properties and structures we observe in galaxies today — remains one of astronomy's most active fields, involving massive efforts, both theoretical and observational.

In this talk, I will focus on one piece of the puzzle: the study of the wide diversity of galaxy properties — structure, kinematics, and stellar population — in a specific environment: the Virgo cluster. Based on a panchromatic, deep, and complete census of the galaxy population in Virgo, I will focus on “galaxies at the extreme”: ultra compact dwarfs, ultra diffuse galaxies, compact ellipticals. I will discuss their connection to galaxies belonging to the main galactic sequence, and what these seemingly unusual objects can tell us about the formation of the galaxy population as a whole.

Speaker:
Laura Ferrarese



IN PRESENCE REGISTRATION FORM
ZOOM MEETING
LINK YOUTUBE

<https://indico.dfa.unipd.it/event/335/>
<https://unipd.link/ColloquiumDFA-09-06-2022>
<https://unipd.link/AulaRostagniUniPadovaDFA>