

Particle Avenues in the Dark Universe Arena (PADUA): Axions



Monday, 12 September 2022 - Wednesday, 14 September 2022

Scientific Programme

The scientific program, at the interface of particle physics, cosmology and astrophysics, will focus on several aspects of axion physics that have recently received major developments. A tentative list of topics include

Axion Models

Axion Dark Matter

Thermal Axions

Axions in Astrophysical Environments

Experimental Searches for Axions

The String Axiverse

The aim of the PADUA workshop is to gather experts in the field to discuss recent developments and new ideas. There will be a few talks by invited speakers, in the morning and the afternoon, leaving plenty of time for discussions. The format is intended to provide a relaxed environment where informal discussions and exchange of ideas are nurtured.