

HAP Workshop Topic 2 | The Non-Thermal Universe



Wednesday, September 21, 2016 - Friday, September 23, 2016

Scientific Program

Topics include:

Scientific highlights in astroparticle physics - an overview

WP 2.1 Multi-messenger Astroparticle Physics

Overviews of gamma-ray and neutrino related activities

GRB, AGN and SNR physics

Alert systems in astroparticle physics

Multi-messenger tools in astroparticle physics

UHE photons

Gravitational waves and multi-messenger physics

AMON

WP 2.2 Cosmic ray Composition & Interactions

New interaction models

Results from KASCADE, IceTop and HEAT

Magnetic fields & Composition

Shower Universality used for Pierre Auger analyses

Cosmic ray propagation

WP 2.3 Novel Detection Methods & Future Challenges

review of achievements in all aspects of detection

Review of radio emission from showers

Status of acoustic emission from showers

TAXI

SiPMs in Astroparticle Physics

News from CROME, HiScore, FACT, Dome

Data preservation in astroparticle physics

What is next? - A view to the next decade