

Monitoring the non-thermal Universe 2018



Monday, September 17, 2018 - Friday, September 21, 2018

Cochem (Mosel), Germany

Scientific Program

The goal of this workshop is to bring people together who are either working on monitoring or are involved in monitoring at different wavelengths. The far goal is to setup a global monitoring network at all wavelengths.

This includes topics like:

status of observations

past and future monitoring programs

current instruments and future technologies

available data, data archives, data mining

radio to TeV, polarization

methods to analyse variability and broad band spectral data, combined data analysis

prospects of new methods (e.g. deep learning approaches)

theories behind variability, interpretation

multi-messenger astrophysics