

ARENA 2012 - Acoustic and Radio EeV Neutrino Detection Activities



Tuesday, June 19, 2012 - Friday, June 22, 2012

Erlangen Castle (centre of town)

Scientific Program

The workshop covers the following topics, comprising theory, simulation, and existing and future experiments:

Ultra-high-energy neutrinos (detection, theory of production)

Radio-detection of particle showers in dense matter and in the atmosphere

Acoustic detection of particle showers

Signal generation and propagation, properties of detection media

Experimental techniques

Sensors and emitters

All oral presentations will be organised in plenary sessions. There will be:

Invited talks providing an overview of the major topics (~30min).

Submitted contributions: The groups and collaborations are invited to submit overview talks on their work (~20min) and specialised talks (~15min).

If more contributions for oral presentations are submitted than can be accommodated within the available time, some submitters will be invited to present their work in a poster exhibition.

Invited Talks

Acoustic Detection

Radio Detection

Poster