

XIX International Workshop on Neutrino Telescopes



Thursday, 18 February 2021 - Friday, 26 February 2021

Online

Scientific Programme

The program of the conference will be distributed along three main tracks:

Neutrino Masses and Mixings

Topics include the current status of experimental measurements of oscillation parameters (mixing angles, squared mass differences, CP violation phase), searches for the mass ordering, the neutrino absolute mass scale, a resume of recent results and developments in neutrinoless double beta decay, the state of the art in the search for a light sterile neutrino.

Neutrino Telescopes and Multimessenger

Topics include neutrinos from galactic and extragalactic astrophysical sources and telescopes and detector arrays for observing them, recent results of cosmic rays, gamma rays, gravitational waves and neutrinos (multi-messenger astrophysics), open issues concerning the interpretation and modelling of recent results, an outlook on future observatories and observation strategies.

Neutrino Theory and Cosmology

Topics include searches for heavy neutrinos at colliders, phenomenology of lepton CP Violation, phenomenology of sterile neutrinos, cosmology and neutrino physics, phenomenological summary on neutrino properties and a discussion about theoretical models for neutrino masses and mixings.

Other

Topics include any other subject bridging the above ones although not exactly and exclusively fitting in any of them.