

# DISCRETE 2018



**Sunday 25 November 2018 - Friday 30 November 2018**

## Scientific Programme

## **[1] T, C, P, CP and CPT symmetries**

convener: Eberhard Widmann (email), Johann Marton (email)

## **[2] Emergence of symmetries from entanglement**

convener: Beatrix Hiesmayr (email), Antonio Di Domenico (email)

## **[3] Discrete symmetries in cosmology (dark matter, baryogenesis, leptogenesis, etc.)**

This track will be covered together with the *14th Vienna Central European Seminar* (VCES) on particle physics and quantum field theory on "global and local symmetries". The common session will take place on Friday, 30th of November.

convener: Anton Rebhan (email), Josef Pradler (email)

## **[4] Neutrino masses, mixing and discrete symmetries**

convener: Carlo Giunti (email), Martin Hirsch (email)

## **[5] Discrete symmetries and models of flavour mixing**

convener: Christoph Schwanda (email), Margarida N. Rebelo (email)

## **[6] Supersymmetry**

convener: Kazuki Sakurai (email)

## **[7] Strings, branes, extra dimensions and discrete symmetries**

convener: Alon Faraggi (email)

## **[8] New results from LHC, new facilities**

convener: Jeanette M. Lorenz (email), Niki Saoulidou (email)

## **[9] PT symmetric Hamiltonians**

convener: Carl M. Bender (email)

## **[10] Multimessenger probes of the universe**

convener: Alexandre Sakharov (email), Anna Pollmann (email)