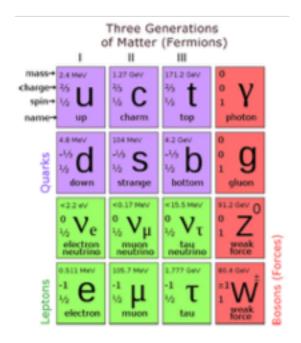
## **Summer School on Particle Physics**



Monday, 16 July 2018 - Saturday, 28 July 2018
Palazzo Toppo-Wassermann

## **Scientific Programme**

This course will explain the basic concepts in particle physics, starting from the fundamental blocks of matter and their interactions, and including a review of the experimental methods used in ongoing investigations in the field.

To have a "hands-on" approach to the topics studied, the school will include a "computing lab" where Higgs candidate events will be reconstructed from their decay products - using real LHC data - and an experimental lab which will allow to detect cosmic rayshe