

Credit: CERN

# 2024 CTEQ Summer School

on QCD and Electroweak Phenomenology

**WE-Heraeus school**

## Lectures:

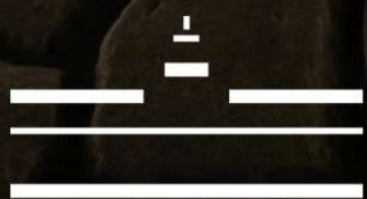
- Introduction to QCD
- Monte Carlo generators
- Deep Inelastic Scattering
- Parton Distribution Functions
- EW & Higgs physics
- Top quark physics
- Jets
- Resummation

## Hands-on tutorials:

- Monte-Carlo generator tutorial
- Machine-Learning tutorial

**21.8.-31.8.24**

**Hotel Idingshof,  
Bramsche  
Germany**



Universität  
Münster



Local organising committee: M. Klasen, F. Olness, K. Kovarik, T. Jezo

<https://indico.uni-muenster.de/e/2024-cteq-school>

