

# NuSTEC Schools

- Long schools
- NuSTEC Training in Neutrino Nucleus Scattering Physics
  1. Fermilab, October 21-29, 2014, <https://nustec2014.phys.vt.edu/>
  2. Fermilab, November 7-15, 2017, <http://nustec.fnal.gov/school2017/>
- Long = 10 days
- Larger number of participants (around 100)
- predominantly hadron/nuclear theory lectures for  $\nu$  experimentalists
- + systematics in neutrino oscillation experiments
- + selected experimental illustrations (2014)
- + introduction to generators and nuisance (2017)

# NuSTEC Schools

- Short schools
- Neutrino Generator School
  - Liverpool, 14-16 May 2014, <http://school.genie-mc.org/>
  - ½ theory, ½ generator training
  - Associated to NuInt 2014, London
- NuSTEC School
  - Okayama, 8-14 November 2015, <https://indico.ipmu.jp/indico/event/71/>
  - theory + problems
  - Associated to NuInt 2015, Osaka

# 2020 NuSTEC School

- Practical generator training + theory introduction
  - **Theory** (mornings):
    - basis of neutrino-nucleon/nucleus interactions
    - common models in the generators and their limitations
    - qualitative introduction to more advanced models
  - **Generator training** (afternoons):
    - GENIE, NUISANCE, NuWro (?), GiBUU (?) , NEUT (?)
  - Where: In Europe (at CERN?)
  - When: October-November 2020 <- any conflicts?
  - 5-day long
- Required:
  - Strong community support (in Europe)
  - Commitment by CERN -> Albert de Roek
  - External funding