

21 July – 1 August

MITP
SUMMER
SCHOOL

Frontiers and Challenges in Lattice Gauge Theory

AI Applications in QFT

Gert Aarts | Swansea University

Particle Scattering from Quantum Computing

Zohreh Davoudi | U. of Maryland

Precision Lattice Calculations

Aida El-Khadra | University of Illinois, Urbana-Champaign

Algorithms

Jacob Finkenrath | CERN

Quantum Computing

Dorota Grabowska | University of Washington, Seattle

Spectroscopy and Scattering: Applications

Jeremy Green | DESY Zeuthen

Spectroscopy and Scattering: Formalism

Maxwell Hansen | University of Edinburgh

Normalizing Flows for Lattice Gauge Theory

Gurtej Kanwar | University of Edinburgh

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Alberto Ramos | IFIC Valencia

2025

Organized by

► Harvey Meyer | JGU Mainz ► Sinéad Ryan | Trinity College Dublin ► Hartmut Wittig | JGU Mainz ► Felix Yu | JGU Mainz

<https://indico.mitp.uni-mainz.de/event/419/>

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