XQCD 2016

August 1, 2016 - August 3, 2016

Plymouth University

Scientific Program

QCD phase diagram

Critical endpoint calculations, order parameters, phenomenological models

Quantum Field Theories of dense, cold matter

The sign problem

Bulk properties of the quark-gluon plasma

Bulk thermodynamics, susceptibilities and correlations

Transport properties and probes

Energy-momentum tensor, Transport, Out-of-equilibrium systems, heavy quarks

Condensed matter systems

Fermi gas and Hubbard model

Strongly interacting Dark Matter

Phenomenological models, Lattice simulations

Recent developments in the mathematics of inverse problems

Theoretical development