

XQCD 2022

The 18th International Conference on QCD in Extreme Conditions



The ExtreMe Matter Institute - EMMI



XQCD 2022

July 27-29, NTNU, Trondheim

Invited speakers

Gergely Endrodi (Bielefeld U)
Robert Pisarski (Brookhaven)
Claudia Ratti (Houston U)
Paul Romatschke (Colorado U)
Denes Sexty (Wuppertal)
Misha Stephanov (Chicago)
Aleksi Vuorinen (Helsinki)

Topics

- QCD at Finite Temperature and Density
- Heavy Ion Collisions Phenomenology
- Phase Diagram of Strongly Interacting Matter
- Properties of the Quark-Gluon Plasma
- Properties of Strongly Interacting Gauge Theories
- The Sign Problem in Lattice QCD
- QCD in External Fields
- Neutron Stars

Email: xqcd2022@phys.ntnu.no

PhD School

July 22-25, Univ. of Stavanger

Invited lecturers

Gergely Endrodi (Bielefeld U)
Jacopo Ghiglieri (CERN)
Toru Kojo (CCNU)
Aleksi Kurkela (CERN/UIS)

Topics

- Lattice QCD in extreme conditions
- Neutron stars & multi-messenger physics
- Modern perturbation theory
- QCD in relativistic heavy-ion collisions

Email: xQCD2020PhDSchool@uis.no

Local Organizing Committee

Jens O. Andersen (Chair) (NTNU)
Alexander Rothkopf (Co-chair) (UiS)
Tomas Brauner (UiS)
Anders Tranberg (UiS)

International Advisory Committee

Gert Aarts (Swansea)
Andrei Alexandru (GWU)
Ying Chen (IHEP/CAS)
Massimo D'Elia (Pisa)
Philippe de Forcrand (ETHZ/CERN)
Heng-Tong Ding (CCNU)
Kenji Fukushima (Tokyo)
Margarita Garcia Perez (IFT UAM-CSIC)
Frithjof Karsch (Bielefeld)
Kurt Langfeld (Liverpool)
Maria Paola Lombardo (INFN)

Tereza Mendes (Sao Paulo)
Atsushi Nakamura (Osaka/FEFU)
Owe Philipsen (Frankfurt)
Krishna Rajagopal (MIT)
Kim Splittorff (NBI)
Michael Strickland (Kent State)
Jacobus Verbaarschot (Stony Brook)
Aleksi Vuorinen (Helsinki)
Urs Wenger (Bern)
Nu Xu (LBNL/CCNU)

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