

Heavy Ion Collisions in the QCD phase diagram

June 27-July 8, 2022 Subatech, Nantes (France)

cnrs **GDR** Groupement de recherche
QCD Chromodynamique quantique

Summer School



SCIENTIFIC TOPICS

- Initial state and (nuclear) parton distribution functions
- Hydrodynamics & quark-gluon plasma (QGP)
- QGP thermodynamics & thermal field theory
- Heavy quarks as probes of the QGP
- Jets as probes of the QGP
- In-medium modifications of hadrons
- Fluctuations and critical phenomena in the QCD phase diagram
- Compact stars
- From raw data to observables
- From event generators to data comparison

Organizing committee

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