

*Dubna International Advanced School of Theoretical Physics
Helmholtz International Summer School*

Matter under Extreme Conditions in Heavy-Ion Collisions and Astrophysics

August 20 - 31, 2018, Dubna

Equation of state and QCD phase transitions •

Transport properties in dense QCD matter •

Hadronization and freeze-out in heavy ion collisions •

Astrophysics of compact stars and their mergers •

Simulations of dense QCD, HIC and CS •

Dense matter in strong electromagnetic fields •

Experiments and observational programs •

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