

HELMHOLTZ INTERNATIONAL SUMMER SCHOOL

Dubna International Advanced School of Theoretical Physics / DIAS-TH

DENSE MATTER 2015

Bogoliubov Laboratory of Theoretical Physics,
Joint Institute for Nuclear Research, 29 June - 11 July

TOPICS

Equation of state & **QCD** phase transitions

Transport properties in dense **QCD** matter

Hadronization & freeze-out in heavy ion collisions (HIC)

Astrophysics of compact stars (CS)

Dense matter in strong electromagnetic fields

Simulations of dense **QCD**, HIC and CS

Experiments and observational programs

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Satellite School of SQM 2015 Conference

