

THEORY
SUMMER
SCHOOL

NON-PERTURBATIVE PHENOMENA AND THE EARLY UNIVERSE

22 July - 9 August 2019

Laura Covi | U Göttingen

Igor Klebanov | U Princeton

Thomas Konstandin | DESY Hamburg

Graham Kribs | U Oregon

Martin Lüscher | U Bern / CERN

Marina Marinkovic | Trinity College Dublin

Guy Moore | TU Darmstadt

Claudia Ratti | U Houston

Mikhail Shaposhnikov | EPFL Lausanne

Andrei Starinets | U Oxford

Mikhail Stephanov | U Illinois, Chicago

Introduction to Cosmology

Large-N Theories

Gravitational Waves

Beyond the Standard Model

**Unconventional Ways to Probe
the Strong Interaction**

Introduction to Lattice QCD

Finite-Temperature Field Theory

QCD Phase Diagram

Baryogenesis / Leptogenesis

**Holography, Finite-Temperature QFT
and Hydrodynamics**

Phase Transitions and Heavy-Ion Collisions

Organized by Harvey Meyer | JGU Mainz ▶ Pedro Schwaller | JGU Mainz ▶ Hartmut Wittig | JGU Mainz

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