

Session Program

17-21 Aug 2026



Strong and Electro-Weak Matter 2026

Poster Session

University of Helsinki Main Building, F4050 (4th floor)
University of Helsinki Fabianinkatu 33 Finland

Wednesday 19 August

16:00

Poster Session

Session |

Location: University of Helsinki Main Building, F4050 (4th floor), University of Helsinki Fabianinkatu 33 Finland

16:00–16:20

Scalar Thermal Field Theory in Finite-Sized Systems

Speaker

Rens Roosenstein

16:00–16:20

Overcoming inferred divergences in thermal sum-integrals within Tree-Loop Duality.

Speaker

Leon Sandbote

16:00–16:20

Towards more realistic QCD thermalization: Improving QCD kinetic theory with HTL screening and anisotropic gluon splitting

Speaker

Florian Lindenbauer

16:00–16:20

Fermion (non)reheating in a quartic inflaton potential

Speaker

Nabeen Bhusal

16:00–16:20

QFT Thermodynamics from Entanglement Entropy

Speaker

Aatu Rajala

16:00–16:20

Causal UV completions of relativistic hydrodynamics

Speaker

Robbe Brants

16:20–16:40

The Quark-Meson diquark model as an effective model for neutron stars equation of state

Speaker

Mathias Pavely Nødtvedt

16:20–16:40

The screening spectrum of high-temperature QCD: static and non-static mesonic modes

Speaker

Pietro Rescigno

16:20–16:40

Relativistic simulations of decaying acoustic turbulence with the causal and stable BDNK formulation

Speaker

Jani Dahl

16:20–16:40

Bubble Wall Velocity from Plasma Viscosity**Speaker**

Nicklas Ramberg

16:20–16:40

Non-relativistic stochastic hydrodynamics**Speaker**

Mattis Harhoff

16:20–16:40

QED cross sections in strong magnetic fields**Speaker**

Mr Olavi Kiuru

16:20–16:40

Proto-Neutron Stars with Color Superconductivity**Speaker**

Selina Kunkel

16:40–17:00

Equation-of-State Bounds from Imaginary Chemical Potentials in the Massive Thirring Model**Speaker**

Eric Oevermann

16:40–17:00

Gauge-invariant weak physics at zero and finite temperature**Speaker**

Georg Wieland

16:40–17:00

Stability of expanding bubbles in first order phase transitions**Speaker**

Selda Koivula

16:40–17:00

Audible axion magnetogenesis**Speaker**

Daniel Schmitt

16:40–17:00

A non-perturbative definition of Magnetostatic QCD**Speaker**

Guilherme Catumba

16:40–17:00

Hydrodynamic equivalence between Nonthermal Fixed Points**Speaker**

Matisse De Lescluze

16:40–17:00

Solving the QCD Effective Kinetic Theory with Neural Networks**Speaker**

Sergio Barrera Cabodevila

17:00–17:20

Cold electroweak baryogenesis on the lattice: An update**Speaker**

Martina Cataldi

17:00–17:20

Critical slowing down and bulk viscosity in binary neutron star mergers**Speaker**

Rachel Steinhorst

17:00–17:20

Hydrodynamics of dilation and spin currents in scale-invariant fluids**Speaker**

Zhong-Hua Zhang

17:00–17:20

Non-equilibrium scaling across first-order phase transitions**Speaker**

Leon Sieke

17:00–17:20

Heavy flavour production in the presence of a weak magnetic field**Speaker**

Mr Sudeep Saha

17:00–17:20

Properties of the Dirac eigenspectrum in QCD and its implications for $U_A(1)$ breaking and thermalization**Speaker**

RAVI SHANKER

17:20–17:40

Seeded bubble nucleation on the lattice**Speaker**

Jaakko Hällfors

17:20–17:40

Bayesian Inference of the Two-Families Scenario and a Dilaton-Chiral Effective Lagrangian**Speaker**

LUCA PASSARELLA

17:20–17:40

Filtered dark matter from strong first order phase transitions**Speaker**

Satumaaria Sukuvaara

17:20–17:40

Soft fluctuations and higher-dimensional operators affect bubble wall dynamics**Speaker**

Salma Kämpf

17:20–17:40

Gravitational Waves from Critical Dynamics**Speaker**

Thomas Martin

17:20–17:40

Tricritical dynamics in ${}^3\text{He}$ - ${}^4\text{He}$ mixtures and QCD**Speaker**

Johannes Roth

17:40–18:00

Quantum Kinetic Theory for Quantum Chromodynamics

18:00	Speaker Shu Lin
	17:40-18:00 Superfluid dynamics of the QCD chiral phase transition Speaker Jannis Gebhard
	17:40-18:00 Diquark Properties from First Principles QCD Speaker Hosein Gholami
	17:40-18:00 Energy-Momentum Correlation Functions for Transport Coefficients from Lattice QCD Speaker Mr Jonas Winter
	17:40-18:00 Thermodynamics of QCD matter from nonperturbative inequalities and perturbation theory Speaker Mr Pablo Navarrete