



# SEWM 2022

## lundi 20 juin 2022

### Parallel 1: Lattice & Strong Fields - Amphi Bloch (14:00 - 15:15)

time	[id] title	presenter
14:00	[17] Spectral functions in highly occupied systems	BOGUSLAVSKI, Kirill
14:25	[18] Sphalerons on 4D Euclidean lattices	BARROSO MANCHA, Marc
14:50	[19] Heavy quark diffusion from the lattice	LEINO, Viljami

### Parallel 1: Lattice & Strong Fields - Amphi Bloch (15:45 - 17:00)

time	[id] title	presenter
15:45	[20] Jet dispersion in hot QCD from the lattice	SCHICHO, Philipp
16:10	[21] Electric susceptibility of the strongly interacting plasma	MARKO, Gergely
16:35	[22] Non-perturbative QCD up to high temperatures: the case of mesonic screening masses	PEPE, Michele

# mardi 21 juin 2022

## Parallel 1: Thermal Field Theory - Amphi Bloch (09:30 - 10:45)

time	[id] title	presenter
09:30	[32] Aspects of Renormalization in the 2PI Formalism	BANIK, Amitayus
09:55	[33] Exact thermal equilibrium distributions for massive and massless fermions with rotation and acceleration	BUZZEGOLI, Matteo
10:20	[34] Pushing the HTL theory: power corrections and transport theory	MANUEL, Cristina

## Parallel 1: Thermal Field Theory - Amphi Bloch (11:15 - 12:30)

time	[id] title	presenter
11:15	[36] Soft scales with HTL in high-density perturbation theory	SAPPI, Saga
11:40	[35] All order resummed leading and next-to-leading logarithms for soft modes of dense QCD pressure	FERNANDEZ, Loïc
12:05	[37] Finite-temperature longitudinal gluon propagator in the center-symmetric Landau gauge	VAN EGMOND, Duifje

## Parallel 1: Phase Transitions - Amphi Bloch (14:00 - 15:40)

time	[id] title	presenter
14:00	[44] Strange quark matter from a baryonic approach	SCHMITT, Andreas
14:25	[45] Chiral anomaly induced charged pion superconductivity	EVANS, Geraint
14:50	[46] Second order chiral phase transition in three flavor quantum chromodynamics?	FEJOS, Gergely
15:15	[47] Inhomogeneous phases in the 3+1-dimensional mean-field Nambu-Jona-Lasinio model on the lattice	PANNULLO, Laurin

## Parallel 1: Phase Transitions - Amphi Bloch (16:10 - 17:25)

time	[id] title	presenter
16:10	[48] Dynamics of the O(4) critical point in QCD	FLORIO, Adrien
16:35	[49] Inhomogeneous chiral condensates in Four-Fermion models in 2+1 dimensions	WINSTEL, Marc
17:00	[23] Electroweak transitions due to magnetic field: first-principle lattice results (TBC)	CHERNODUB, Maxim

# mercredi 22 juin 2022

## Parallel 1: Astrophysics & Neutron Stars - Amphi Bloch (09:30 - 10:45)

time	[id] title	presenter
09:30	[70] High Energy Particles from Confining Supercooled Phase Transitions	DICHTL, Maximilian
09:55	[60] How perturbative QCD constrains the Equation of State at Neutron-Star densities	KOMOLTSEV, Oleg
10:20	[59] Bayesian constraints on the neutron-star equation of state with QCD input	GORDA, Tyler

## Parallel 1: Astrophysics & Neutron Stars - Amphi Bloch (11:15 - 12:30)

time	[id] title	presenter
11:15	[61] Transport in Neutron Star Mergers	HABER, Alexander
11:40	[62] Holographic construction and predictions for neutron stars	KOVENSKY, Nicolas
12:05	[63] Stellar Superradiance from QFT at finite density	MCDONALD, Jamie

## Parallel 1: Cosmology - Amphi Bloch (14:00 - 15:40)

time	[id] title	presenter
14:00	[64] Hidden sectors in cosmology: Models, tools, and constraints	KLOSE, Phill
14:25	[65] Stochastic inflation from quantum field theory and the parametric dependence of the effective noise amplitude	ERIKSSON, Magdalena
14:50	[66] New methods for studying the Electroweak phase transition	EKSTEDT, Andreas
15:15	[67] Gravitational waves from non-Abelian axion-like reheating	PROCACCI, Simona

## Parallel 1: Cosmology - Amphi Bloch (16:10 - 17:25)

time	[id] title	presenter
16:10	[68] Effective Field Theories for Dark Matter Pairs in the Early Universe	QERIMI, Gramos
16:35	[58] Debye mass effects in the dark sector in the Early Universe	DASHKO, Andrii
17:00	[69] Tackling the Gravitational Wave - Collider Inverse Problem	TENKANEN, Tuomas