

The 39th International Symposium on Lattice Field Theory (Lattice 2022)

Monday, August 8, 2022

Plenaries: Plenaries I - CP1-HSZ/Ground-0.010 - HS2 (9:05 AM - 10:20 AM)

-Conveners: Phiala Shanahan

time	[id] title	presenter
9:05 AM	[M05] QCD thermodynamics: an overview of recent progress	CUTERI, Francesca
9:50 AM	[M2] Use of Schwinger-Dyson equation in constructing an approximate trivializing map	Dr MATSUMOTO, Nobuyuki

Plenaries: Plenaries II - CP1-HSZ/Ground-0.010 - HS2 (11:00 AM - 12:30 PM)

-Conveners: Stefan Kühn

time	[id] title	presenter
11:00 AM	[M6] Review on Quantum Computing for Lattice Field Theory	FUNCKE, Lena
11:45 AM	[S0] Modular Supercomputing and its Role in Europe's Exascale Computing Strategy	Dr NEUWIRTH, Sarah

Tuesday, August 9, 2022

Plenaries: Plenaries III - CP1-HSZ/Ground-0.010 - HS2 (8:50 AM - 10:20 AM)

-Conveners: Sinya Aoki

time	[id] title	presenter
8:50 AM	[178] Topical plenary on emergent geometry and duality in the carbon nucleus	SHEN, Shihang
9:20 AM	[178] The spectral reconstruction of inclusive rates	BULAVA, John
9:50 AM	[181] $B \rightarrow D^{(*)} \ell \bar{\nu}_\ell$ semileptonic decays at non-zero recoil	VAQUERO AVILÉS-CASCO, Alejandro

Plenaries: Plenaries IV - CP1-HSZ/Ground-0.010 - HS2 (11:00 AM - 12:30 PM)

-Conveners: Rainer Sommer

time	[id] title	presenter
11:00 AM	[180] Heavy flavor physics from lattice QCD	KANEKO, Takashi
11:45 AM	[180] A review on Glueball hunting	VADACCHINO, Davide

Wednesday, August 10, 2022

Plenaries: Plenaries V - CP1-HSZ/Ground-0.010 - HS2 (8:50 AM - 10:20 AM)

-Conveners: Constantia Alexandrou

time	[id] title	presenter
8:50 AM	[A01] The Compton amplitude and nucleon structure functions	CAN, K. Utku
9:20 AM	[A02] Neutrino Oscillation and Lattice QCD	MEYER, Aaron
9:50 AM	[A36] Gluon Structure from Lattice QCD	KARPIE, Joseph

Plenaries: Plenaries VI - CP1-HSZ/Ground-0.010 - HS2 (11:00 AM - 12:30 PM)

-Conveners: Sasa Prelovsek

time	[id] title	presenter
11:00 AM	[A06] Topical plenary on multi-particle interactions from lattice QCD	ROMERO-LOPEZ, Fernando
11:30 AM	[A07] Hadron Spectroscopy and Interactions from Lattice QCD	Dr LIU, Liuming
12:15 PM	[A07] Update on the International Lattice Data Grid	KARSCH, Frithjof

Friday, August 12, 2022

Plenaries: Plenaries VII - CP1-HSZ/Ground-0.010 - HS2 (8:50 AM - 10:30 AM)

-Conveners: James Zanotti

time	[id] title	presenter
8:50 AM	M11 M12 Emergent strongly coupled ultraviolet fixed point with 8 fundamental flavors	HASENFRATZ, Anna
9:20 AM	M15 M16 Quantum chaos in supersymmetric Yang-Mills-like model from exact diagonalization	BUIVIDOVICH, Pavel
9:50 AM	M51 M52 KWA ceremony and presentation	ZANOTTI, James

Plenaries: Plenaries VIII - CP1-HSZ/Ground-0.010 - HS2 (11:10 AM - 12:40 PM)

-Conveners: Vera Gülpers

time	[id] title	presenter
11:10 AM	M49 M50 Exotic hadrons from an EFT perspective	GUO, Feng-Kun
11:55 AM	M53 M54 Probing new horizons with flavour at the LHCb experiment	LISOVSKYI, Vitalii

Saturday, August 13, 2022

Plenaries: Plenaries IX - CP1-HSZ/Ground-0.010 - HS2 (8:50 AM - 10:20 AM)

-Conveners: **Francesco Di Renzo**

time	[id] title	presenter
8:50 AM	[M3] Asymptotic lattice spacing dependence of spectral quantities in lattice QCD with Wilson or Ginsparg-Wilson quarks	HUSUNG, Nikolai
9:20 AM	[M4] Master-field simulations of QCD and the exponential clover action	FRITZSCH, Patrick
9:50 AM	[M3] Stochastic and Tensor Network simulations of the Hubbard Model	Mr OSTMEYER, Johann

Plenaries: Plenaries X - CP1-HSZ/Ground-0.010 - HS2 (11:00 AM - 12:30 PM)

-Conveners: **Andreas Kronfeld**

time	[id] title	presenter
11:00 AM	[M] Review on Algorithms for dynamical fermions	FINKENRATH, Jacob
11:45 AM	[M] Matching lattice QC+ED to Nature	Prof. TANTALO, Nazario