



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

## Monday, August 8, 2022

### Particle physics beyond the Standard Model: Particle physics beyond the Standard Model I - CP1-HSZ/Ground-0.001 - HS3 (2:00 PM - 4:00 PM)

-Conveners: Oliver Witzel

time	[id] title	presenter
2:00 P	<a href="#">M137</a> ] Towards a beyond the Standard Model model with elementary particle non-perturbative mass generation	Prof. ROSSI, Giancarlo
2:20 P	<a href="#">M101</a> ] Non-perturbative study of Yang-Mills theory with four supercharges in two dimensions	Mr DHINDSA, Navdeep Singh
2:40 P	<a href="#">M106</a> ] Update on SU(2) with one adjoint Dirac flavor	Dr BENNETT, Ed
3:00 P	<a href="#">M12</a> ] Noether supercurrent operator mixing from lattice perturbation theory	Dr COSTA, Marios
3:20 P	<a href="#">M40</a> ] Supercurrent renormalization in $\mathcal{N}=1$ supersymmetric Yang-Mills theory on the lattice in GIRS scheme	SOLER, Ivan
3:40 P	<a href="#">M126</a> ] Investigating Vector Boson Scattering: A Lattice study	RIEDERER, Bernd

### Particle physics beyond the Standard Model: Particle physics beyond the Standard Model II - CP1-HSZ/Ground-0.001 - HS3 (4:30 PM - 6:30 PM)

-Conveners: Georg Bergner

time	[id] title	presenter
4:30 P	<a href="#">M123</a> ] Exploring the large $N_c$ limit with one quark flavour	JAEGER, Benjamin
4:50 P	<a href="#">M116</a> ] Reconstruction of spectral densities in a composite-Higgs model	LUPO, Alessandro
5:10 P	<a href="#">M134</a> ] Lattice Studies of 3D Maximally Supersymmetric Yang--Mills	SHERLETOV, Angel
5:30 P	<a href="#">M140</a> ] Exploring conformality in lattice $N=4$ supersymmetric Yang--Mills	SCHAICH, David
5:50 P	<a href="#">M196</a> ] Progress Towards Stealth Dark Matter Scattering	CUSHMAN, Kimmy
6:10 P	<a href="#">M144</a> ] Dark Isosinglet Mesons in $Sp(4)$ gauge theory	ZIERLER, Fabian

## Wednesday, August 10, 2022

### Particle physics beyond the Standard Model: Particle physics beyond the Standard Model III - CP1-HSZ/Ground-0.001 - HS3 (2:00 PM - 4:00 PM)

-Conveners: David Schaich

time	[id] title	presenter
2:00 PM	[M447] Renormalization Group beta function for SU(3) gauge-fermion systems	WITZEL, Oliver
2:20 PM	[M446] Spectroscopy of $Sp(4)$ lattice gauge theory with $n_f=3$ antisymmetric fermions	LEE, Jong-Wan
2:40 PM	[M445] Spectroscopy of chimera baryons on $Sp(4)$ lattice gauge theory	HSIAO, Ho
3:00 PM	[M405] Density of states for gravitational waves	SP, Felix
3:20 PM	[M483] Position-Space Renormalisation of the Energy-Momentum Tensor Two-Point Function	BERGALLO ROCHA, Henrique
3:40 PM	[M406] One flavour adjoint QCD with overlap fermions	BERGNER, Georg

### Particle physics beyond the Standard Model: Particle physics beyond the Standard Model IV - CP1-HSZ/Ground-0.001 - HS3 (4:30 PM - 6:30 PM)

-Conveners: Benjamin Jaeger

time	[id] title	presenter
4:30 PM	[M469] Gradient flow anomalous dimensions for ten-flavor SU(3) gauge theory	PETERSON, Curtis
4:50 PM	[M427] Complex Langevin Study of Spontaneous Symmetry Breaking in IKKT Matrix Model	Mr KUMAR, Arpith
5:10 PM	[M400] The spectrum of GUT-like gauge-scalar models	DOBSON, Elizabeth
5:30 PM	[M419] The density of state method in Yang-Mills theories and first-order phase transitions	MASON, David
5:50 PM	[M438] Operator Mixing under the Gradient Flow: The Gluon CEDM	RIZIK, Matthew