

Session Program

23-28 Aug 2021



The XXVIII International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2021)

Theories of New Strong Dynamics

Wednesday 25 August

22:35

Theories of New Strong Dynamics

Session | Location: ZR4 | Convener: Giacomo Cacciapaglia

22:35-22:55 **Natural composite Higgs model**

Speaker

Teng Ma

22:55-23:15 **Partial Compositeness from Partial Unification**

Speaker

Vatani Shahram

23:15-23:35 **A road to a beyond the Standard Model model**

Speaker

Giancarlo Rossi

23:35

Thursday 26 August

16:00

Theories of New Strong Dynamics

Session | Location: ZR7 | Convener: Giacomo Cacciapaglia

16:00-16:20 **Constraining a top-philic dark matter model featuring contact terms**

Speaker

Ms Lara Mason

16:20-16:40 **Vector boson scattering in composite Higgs models**

Speaker

Diogo Buarque Franzosi

16:40-17:00 **Terazooming in on light (composite) axion like particles**

Speaker

Abhishek Iyer

17:00-17:20

Chiral models of composite axions and accidental Peccei-Quinn symmetry

Speaker

Alessandro Podo

17:20-17:40 **Composite Dynamics in the Early Universe**

Speaker

Luigi Delle Rose

17:40-18:00

Phase transition and gravitational wave in strongly-coupled dark gauge sectors

Speaker

Chen Zhang

18:00

22:35

Theories of New Strong Dynamics

Session | Location: ZR6 | Convener: Oleksii Matsedonskyi

22:35-22:55

Electroweak baryogenesis and gravitational waves in a composite Higgs model with high dimensional fermion representations

Speaker

Ke-Pan Xie

22:55-23:15

Gravitational waves and baryogenesis from a non-minimal composite Higgs model

Speaker

Andrea Guiggiani

23:15-23:35

Cosmological Implications of Supercooled Confinement

Speaker

Dr Yann Gouttenoire

23:35