

Florence Theory Group Day

Program

09:10 - 09:30 Welcome: Fulvio Piccinini, Duccio Fanelli, Francesco Bigazzi.
09:30 - 09:50 Federico Galli: *Quantum quenches in holographic BCFT*.
09:50 - 10:10 Lorenzo Iacobacci: *Bridging holography in maximally symmetric space-times*.
10:10 - 10:30 Federico Castellani: *Holography for confining gauge theories*.
10:30 - 10:50 Mauro Gilierti: *Numerical Methods for Holography*.

10:50 - 11:20 coffee break

11:20 - 11:40 Roberto Bonciani: *Precise predictions for H +jet at the LHC*.
11:40 - 12:00 Michele Redi: *Particle production from gravitational inhomogeneities*.
12:00 - 12:20 Alessandro Dondarini: *Axion Dark Matter from Heavy Quarks*.
12:20 - 12:40 Stefano Palmisano: *Accidental Composite Dark Matter and GUT*.
12:40 - 13:00 Prudhvi Bhattiprolu: *Minimally beyond the SM fermions: isosinglet vectorlike leptons at e^+e^- colliders*.

13:00 - 14:30 lunch break

14:30 - 14:50 Franco Bagnoli: *Reliability and anti-reliability in the Kuramoto model*.
14:50 - 15:10 Raffaele Marino: *Neural Mass Network Models as Classifiers*.
15:10 - 15:30 Luca Celardo: *Cooperative shielding in long range interacting systems*.
15:30 - 15:50 Alessia Valzelli: *Large scale simulations of photosynthetic antenna systems: interplay of cooperativity and disorder*.
15:50 - 16:10 Fabio Cinti: *Bosons on the edge: many-body physics in uncommon geometries*.

16:10 - 16:40 coffee break

16:40 - 17:00 Riccardo Villa: *Topological phases and bosonization*.
17:00 - 17:20 Luca Del Zanna: *The ECHO code for astrophysical relativistic plasmas: GPU acceleration, turbulence, and Pulsar Wind Nebulae*.
17:20 - 17:40 Eduardo Grossi: *Ongoing research work on Quark-Gluon Plasma and relativistic matter*.
17:40 - 18:00 David Wagner: *Developments in relativistic spin hydrodynamics*.



Istituto Nazionale di Fisica Nucleare
SEZIONE DI FIRENZE

