

Florence Theory Group Day

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Welcome

Wednesday, 19 March 2025 09:10 (20 minutes)

Presenters: PICCININI, Fulvio (GGI Director); FANELLI, Duccio (Director of the Physics and Astronomy Department); BIGAZZI, Francesco (Coordinatore Gruppo IV FI)

Contribution ID: 2

Type: **not specified**

Quantum quenches in holographic BCFT

Wednesday, 19 March 2025 09:30 (20 minutes)

Presenter: GALLI, Federico

Contribution ID: 3

Type: **not specified**

Bridging holography in maximally symmetric space-times

Wednesday, 19 March 2025 09:50 (20 minutes)

Presenter: IACOBACCI, Lorenzo

Contribution ID: 4

Type: **not specified**

Holography for confining gauge theories

Wednesday, 19 March 2025 10:10 (20 minutes)

Presenter: CASTELLANI, Federico

Contribution ID: 5

Type: **not specified**

Numerical Methods for Holography

Wednesday, 19 March 2025 10:30 (20 minutes)

Presenter: GILIBERTI, Mauro

Contribution ID: 6

Type: **not specified**

Precise predictions for H+jet at the LHC

Wednesday, 19 March 2025 11:20 (20 minutes)

Presenter: BONCIANI, Roberto

Contribution ID: 7

Type: **not specified**

Particle production from gravitational Inhomogeneities

Wednesday, 19 March 2025 11:40 (20 minutes)

Presenter: REDI, Michele

Contribution ID: 8

Type: **not specified**

Axion Dark Matter from Heavy Quarks

Wednesday, 19 March 2025 12:00 (20 minutes)

Presenter: DONDARINI, Alessandro

Contribution ID: 9

Type: **not specified**

Accidental Composite Dark Matter and GUT

Wednesday, 19 March 2025 12:20 (20 minutes)

Presenter: PALMISANO, Stefano

Contribution ID: **10**

Type: **not specified**

Minimally beyond the SM fermions: isosinglet vectorlike leptons at e^+e^- colliders

Wednesday, 19 March 2025 12:40 (20 minutes)

Presenter: BHATTIPROLU, Prudhvi

Contribution ID: 11

Type: **not specified**

Reliability and anti-reliability in the Kuramoto model

Wednesday, 19 March 2025 14:30 (20 minutes)

Presenter: BAGNOLI, Franco

Contribution ID: 12

Type: **not specified**

Neural Mass Network Models as Classifiers

Wednesday, 19 March 2025 14:50 (20 minutes)

Presenter: MARINO, Raffaele

Contribution ID: 13

Type: **not specified**

Cooperative shielding in long range interacting systems

Wednesday, 19 March 2025 15:10 (20 minutes)

Presenter: CELARDO, Giuseppe Luca

Contribution ID: 14

Type: **not specified**

Large scale simulations of photosynthetic antenna systems: interplay of cooperativity and disorder

Wednesday, 19 March 2025 15:30 (20 minutes)

Presenter: VALZELLI, Alessia

Contribution ID: 15

Type: **not specified**

Bosons on the edge: many-body physics in uncommon geometries

Wednesday, 19 March 2025 15:50 (20 minutes)

Presenter: CINTI, Fabio

Contribution ID: 16

Type: **not specified**

Topological phases and bosonization

Wednesday, 19 March 2025 16:40 (20 minutes)

Presenter: VILLA, Riccardo

Contribution ID: 17

Type: **not specified**

Ongoing research work on Quark-Gluon Plasma and relativistic matter

Wednesday, 19 March 2025 17:20 (20 minutes)

Presenter: GROSSI, Eduardo

Contribution ID: **18**

Type: **not specified**

Developments in relativistic spin hydrodynamics

Wednesday, 19 March 2025 17:40 (20 minutes)

Presenter: WAGNER, David

Contribution ID: 19

Type: **not specified**

The ECHO code for astrophysical relativistic plasmas: GPU acceleration, turbulence, and Pulsar Wind Nebulae

Wednesday, 19 March 2025 17:00 (20 minutes)

Presenter: DEL ZANNA, Luca

Contribution ID: **20**

Type: **not specified**

StatPhys29

Wednesday, 19 March 2025 14:27 (3 minutes)

Presenter: COLOMO, Filippo