

## Session Program

17-19 Dec 2025



XXI  
AVOGADRO  
MEETING



on Strings, Supergravity and Gauge Theories

# XXI AVOGADRO MEETING on Strings, Supergravity and Gauge Theories

## *Gong show*

Università di Catania, Aula A1  
Monastero dei Benedettini di San Nicolò l'Arena, Piazza Dante Alighieri, 32, 95124 Catania

## Wednesday 17 December

15:00

### Gong show

Session |

Location: Università di Catania, Aula A1, Monastero dei Benedettini di San Nicolò l'Arena, Piazza Dante Alighieri, 32, 95124 Catania

15:00-15:05

**Sebastiano Bocchia - Primal Bootstrap for Pion Scattering at large-N**

15:05-15:10

**Dario Panfalone - Effective String Theory description of confinement in 2+1 D**

15:10-15:15

**Lorenzo de Lillo - N=2 Universality at strong coupling**

15:15-15:20

**Davide Bonomi - Analytic bootstrap for conformal defects**

15:20-15:25

**Enrico Marchetto - Finite temperature, analytic bootstrap, and holography**

15:25-15:30

**Michele Savi - The Wilson Line Defect CFT in N=4 SYM**

15:30-15:35

**Andrea Mattiello - Bootstrapping Multipoint Defect Correlators**

15:35-15:40

**Paolo Rossi - Entanglement Entropy through topological defects in 2d CFT**

15:40-15:45

**Salvatore Rauti - The Distance Conjecture in warped (de)compactifications**

15:45-15:50

**Alessandro Borys - Swampland Constraints for Fibre Inflation**

15:50-15:55

**Arda Hasar - Scale Separation in Two Dimensions**

16:00

16:30

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16:30-16:35

**Lorenzo Grimaldi - Mass shifts of NS-NS states in Type II string theories**

16:35-16:40

**Andrea Conti - Super-(conformal) monodromy defects**

16:40-16:45

**Stefano Lanza - Symmetry extension by condensation defects in five-dimensional gauge theories**

16:45-16:50

**Alison Warman - Phases with Generalized Symmetries**

16:50-16:55 **Daniele Migliorati - 4 minutes of TQFT + 1 minute of questions**

16:55-17:00 **Tommaso Morone - Graded integrable QFTs**

17:00-17:05 **Elia de Sabbata -  $\bar{T}\bar{T}$  deformed correlators from BRST symmetry**

17:05-17:10

**Moritz Kade - Box boundary conditions for the integrable six-vertex model**

17:10-17:15 **Andrea de Marco - Superconformal index for  $D(2,1,\alpha)$  symmetry**

17:15-17:20 **Paolo Pichini - Magnus expansion in QFT**

17:20-17:25

**Federico Ambrosino - Non topological symmetries in perturbed 2d CFTs**

17:25-17:30 **Daniele Mauri - More on non-linear quasi-normal modes**

17:30-17:35 **Valerio Descoutus - The Double Copy at the Lagrangian Level**

17:35-17:40

**Giuseppe Casale - Lagrangian Double Copy for Supergravity: An Algebraic Approach**

17:40-17:45 **Nicolo' Primi - the  $AdS_3 \times S^3 \times S^3 \times S^1$  Quantum Spectral Curve**

17:45-17:50

**João Vilas Boas - Why Stop at Four? New Checks of AdS/CFT from Higher-Point Correlators**

18:00