



17-19 December 2025 | Catania (Italy)

# XXI AVOGADRO MEETING

## on Strings, Supergravity and Gauge Theories

### Topics and speakers

#### Scale separation in string theory

Fien Apers (Oxford U.) and Vincent van Hemelryck (Uppsala U.)

#### Recent progress in 2d gauge theories

Diego Delmastro (Stony Brook U.) and Giovanni Galati (ULB)

#### Light-ray operators

Alessandro Georgoudis (QMUL) and Jeremy Mann (King's College)

#### Supersymmetric gauge theory methods for gravitational waves

Cristoforo Iossa (Geneva U.) and Giulia Isabella (UCLA)

#### SYK-like models and holography in lower dimensions

Ohad Mamroud (SISSA), Jacopo Papalini (Gent U.)



### Scientific organizers

- Carlo Heissenberg (IPhT, CEA Saclay)
- Michelangelo Preti (SCGP, Università di Torino)
- Nicole Righi (Scuola Normale Superiore, Pisa)
- Matteo Sacchi (SCGP, Stony Brook University)
- Marco Scalisi (Università di Catania, INFN)
- Bernardo Zan (Università di Genova, INFN)

### Local organizers

- Alessandro Borys (Università di Catania)
- Giuseppe Puglisi (Università di Catania)
- Marco Scalisi (Università di Catania)