



**8-12 JUNE
2026**

**AULA MANCINI
Palazzo della Carovana
Scuola Normale Superiore
Piazza dei Cavalieri, 7
Pisa**

Organisers:
Ludovico Lami
Filippo Girardi

Full programme:
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YPetz

ADVANCES IN QUANTUM HYPOTHESIS TESTING AND QUANTUM ENTROPIES

The workshop YPetz is devoted to recent advances in quantum hypothesis testing and its connections with quantum communication theory, resource theories and quantum entropies. The aim of the meeting is to bring together established experts to discuss new methods, conceptual developments, and open problems in the field.

Topics covered by the workshop include:

- quantum hypothesis testing
- quantum Shannon theory, both one-shot and asymptotic
- quantum entropies and divergences

Speakers:

**BJARNE BERGH
MARIO BERTA
FERNANDO BRANDÃO
FRANCESCO BUSCEMI
HAO-CHUNG CHENG
MATTHIAS CHRISTANDL
MARCO DALAI
OMAR FAWZI
MASAHITO HAYASHI**

**FUMIO HIAI
CHRISTOPH HIRCHE
KE LI
MILÁN MOSONYI
BARTOSZ REGULA
JOSEPH RENES
ROBERTO RUBBOLI
DAVID SUTTER
MARCO TOMAMICHEL**



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