

22–25 June  
2026

## WORKSHOP

**Aula Dini**

Via del Castelletto, 17/1  
Scuola Normale Superiore  
PISA

### ORGANIZERS COMMITTEE

**Luigi Caputi**

(Università di Bologna)

**Carlo Collari**

(Università degli Studi di Firenze)

**Giuliamaria Menara**

(Institut de mathématiques de Jussieu  
Paris Rive Gauche)

### WEB SITE:

<https://indico.sns.it/event/134/>

Please note that for organizational purposes,  
registration is mandatory

**INFO**  
Centro di Ricerca Matematica  
Ennio De Giorgi  
Palazzo Puteano  
Piazza dei Cavalieri, 3 - PISA  
crm@sns.it

# COMBINATORIAL ALGEBRAIC TOPOLOGY & APPLICATIONS IV

The workshop “Combinatorial algebraic topology and applications” is at its fourth edition. The first, second, and third editions were held in Pisa at the Centro di Ricerca Matematica “E. De Giorgi” on the 27-28 November 2023, 1-4 October 2024, and 16-19 September 2025, respectively. The main topics of the conference are combinatorics and algebraic topology (broadly intended), as well as their applications to different fields (e.g. data analysis, neural sciences and economics). The aim of the workshop is to gather researchers with common interest in the above topics and to create an atmosphere of discussion where to share ideas. For its fourth edition, the workshop will focus specifically on the following topics: applied (algebraic) topology, low-dimensional/geometric topology, and topological combinatorics.

### CONFIRMED SPEAKERS

**VALENTINA BAIS** (SISSA)

**BRUNO BENEDETTI** (University of Miami)

**JELENA GRBIC** (University of Southampton)

**DMITRII KORSHUNOV** (Institut de mathématiques de Jussieu – Paris Rive Gauche)

**JEAN-BAPTISTE MEILHAN** (Université Grenoble Alpes)

**PEGAH POURNAJAFI** (Collège de France)

**FRANCESCA PRATALI** (Universiteit Utrecht)

**ANNE-LAURE THIEL** (Université Bourgogne Europe)

**FRANCESCO VACCARINO** (Politecnico di Torino)

**SO YAMAGATA** (Fukuoka University)

Funded by:

INdAM - GNSAGA

Foundation Compositio Mathematica

Università degli studi di Firenze



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE | Dipartimento di  
Matematica e Informatica  
“Ulisse Dini”