

10th AIROYoung Workshop and Ph.D. School

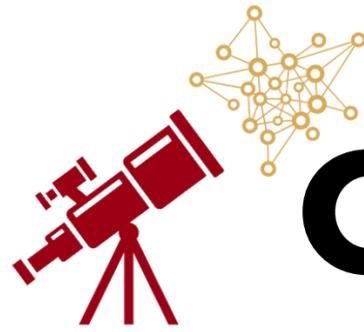


**Optimization between
determinism and uncertainty**

Closing



Padova, February 9-13, 2026



Organizing Committee

Manuel Aprile, Department of Mathematics, University of Padova

Francesco Cavaliere, FICO

Martina Galeazzo, Department of Mathematics, University of Padova

Dario Palasgo, Department of Information Engineering, University of Padova

Anthony Palmieri, Department of Mathematics, University of Padova

Lorenzo Perinello, Department of Mathematics, University of Padova

Matteo Pernini, ESSEC Business School

Alice Raffaele, Department of Information Engineering, University of Padova (chair)

Gabriele Sanguin, Department of Mathematics, University of Padova



AIROYoung Board

Matteo Cosmi, University of Luxembourg

Martina Doneda, University of Bergamo

Alessandro Druetto, University of Torino

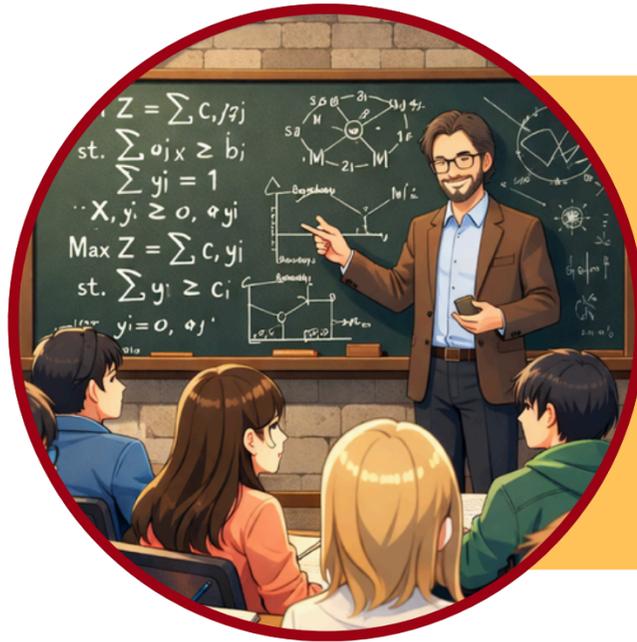
Andrea Mancuso, University of Naples Federico II

Sara Stoia, University of Calabria

Marta Leonina Tessitore, University Roma Tre



A Five-day Event



One-day Ph.D. School

Monday, February 9, 2026

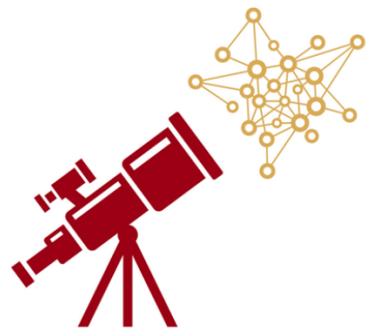
Four-day Workshop

From Tuesday, February 10, 2026
to Friday, February 13, 2026





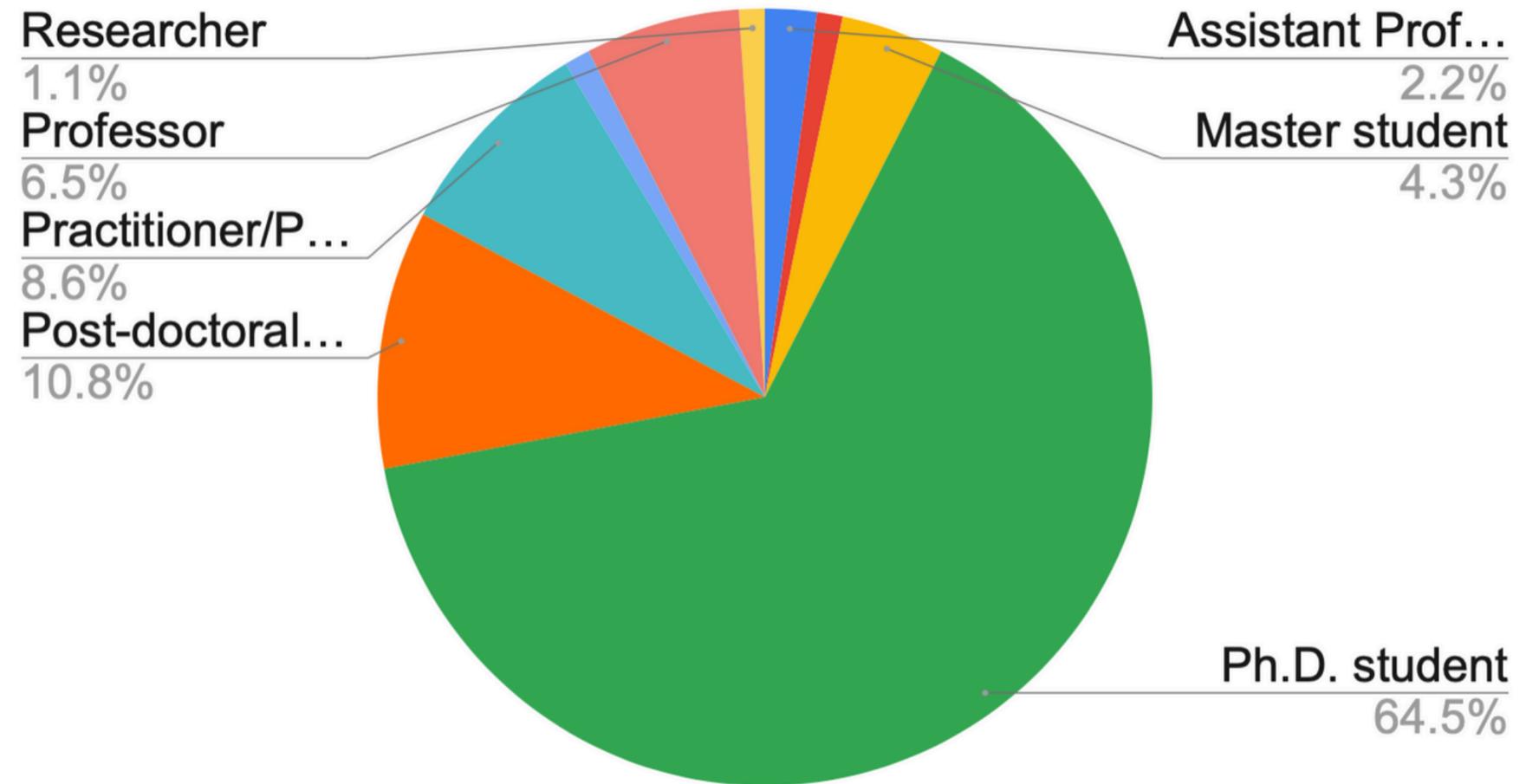


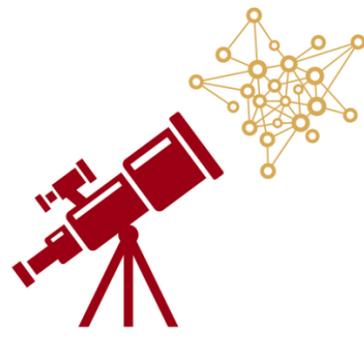


Some Stats on the Ph.D. School

93 participants:

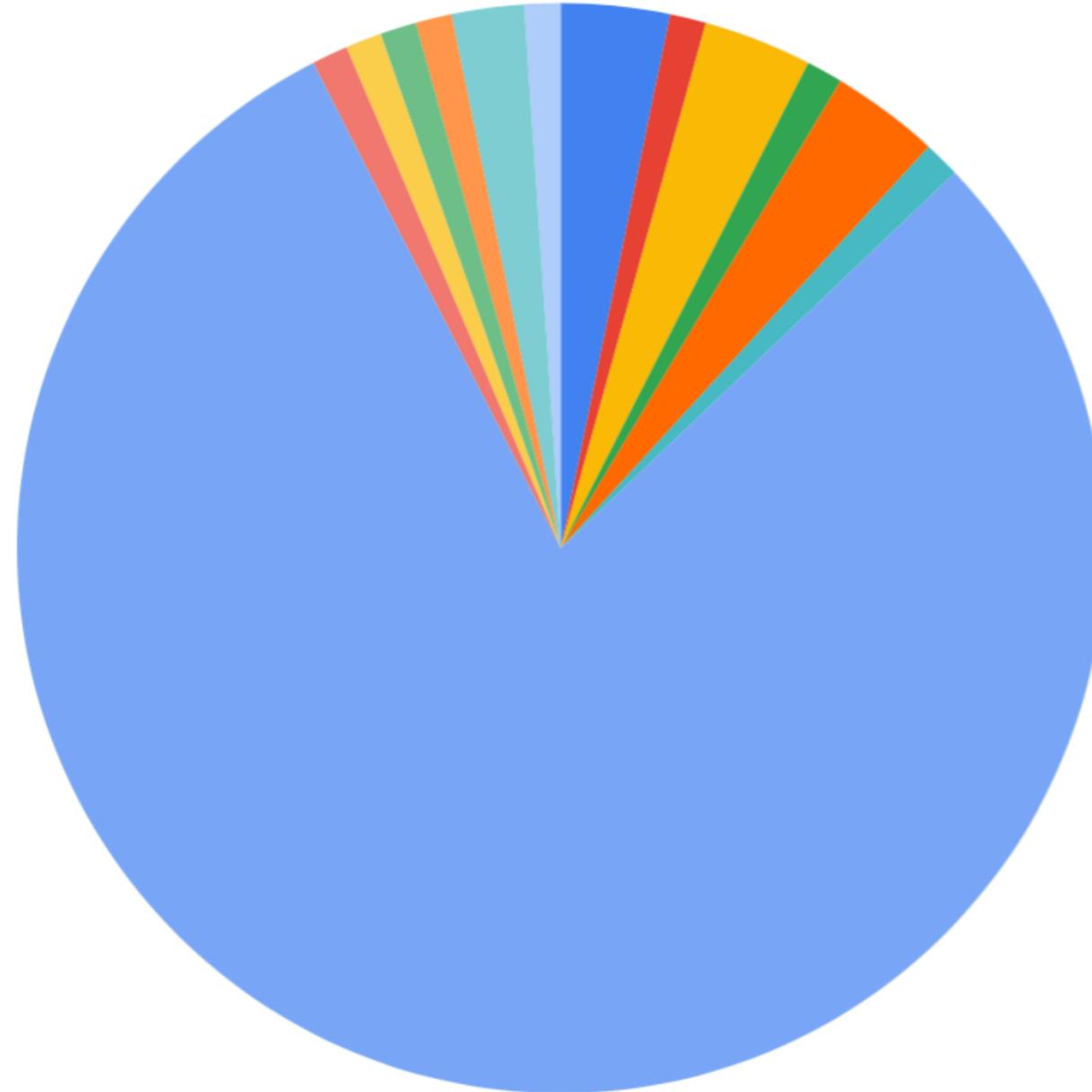
- Master's students: 4
- Master's graduates: 1
- Pre-doctoral researchers: 1
- **Ph.D. students: 60**
- Post-doctoral researchers: 10
- Assistant professors: 2
- Professors: 6
- Researchers: 1
- Practitioners: 8





Countries

79.6%
from Italy



- Austria
- Canada
- China
- Ecuador
- France
- Hungary
- Italy
- Portugal
- Slovenia
- Sweden
- Switzerland
- Turkey
- Uruguay



Ph.D. School Lecturers



Matteo Fischetti

Benders and Bilevel Optimization

Monday, February 9, 2026 – 9:30 a.m.

Marco Di Summa

**Comparing branch-and-bound,
cutting planes, and branch-and-cut**

Monday, February 9, 2026 – 11:30 a.m.





Ph.D. School Lecturers



Francesco Rinaldi

**Frank-Wolfe and friends: a journey into
projection-free optimization methods**

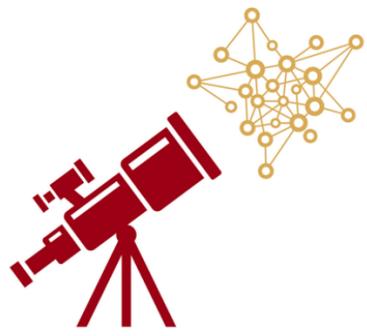
Monday, February 9, 2026 – 2:30 p.m.

Domenico Salvagnin

Computational Research 101

Monday, February 9, 2026 – 4:30 p.m.

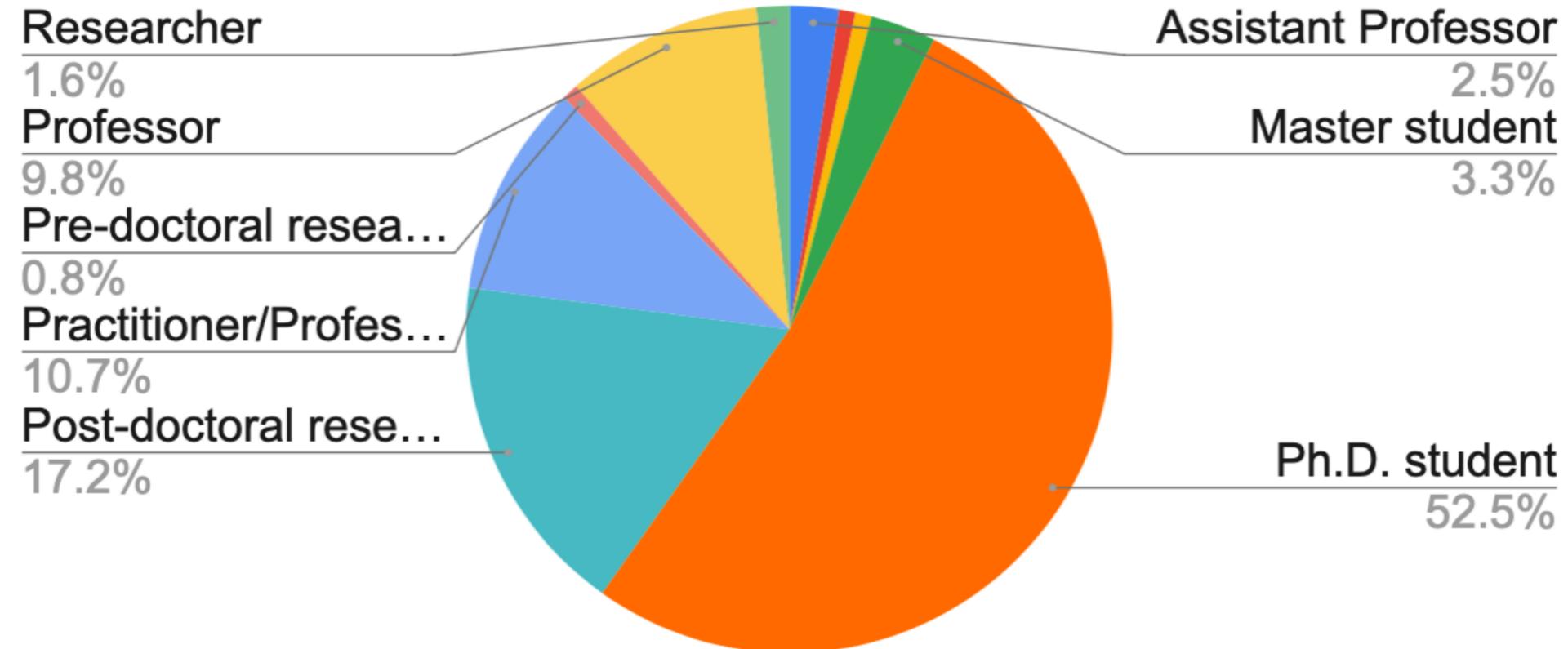




Some Stats on the Workshop

122 participants:

- **High-school students: 1**
- **Master's students: 4**
- **Master's graduates: 1**
- **Pre-doctoral researchers: 1**
- **Ph.D. students: 64**
- **Post-doctoral researchers: 21**
- **Assistant professors: 3**
- **Professors: 12**
- **Researchers: 2**
- **Practitioners: 13**



Invited plenary talks: 4

Accepted abstracts: 60 out of 69 received

Scientific talks: 57 (1 recorded)

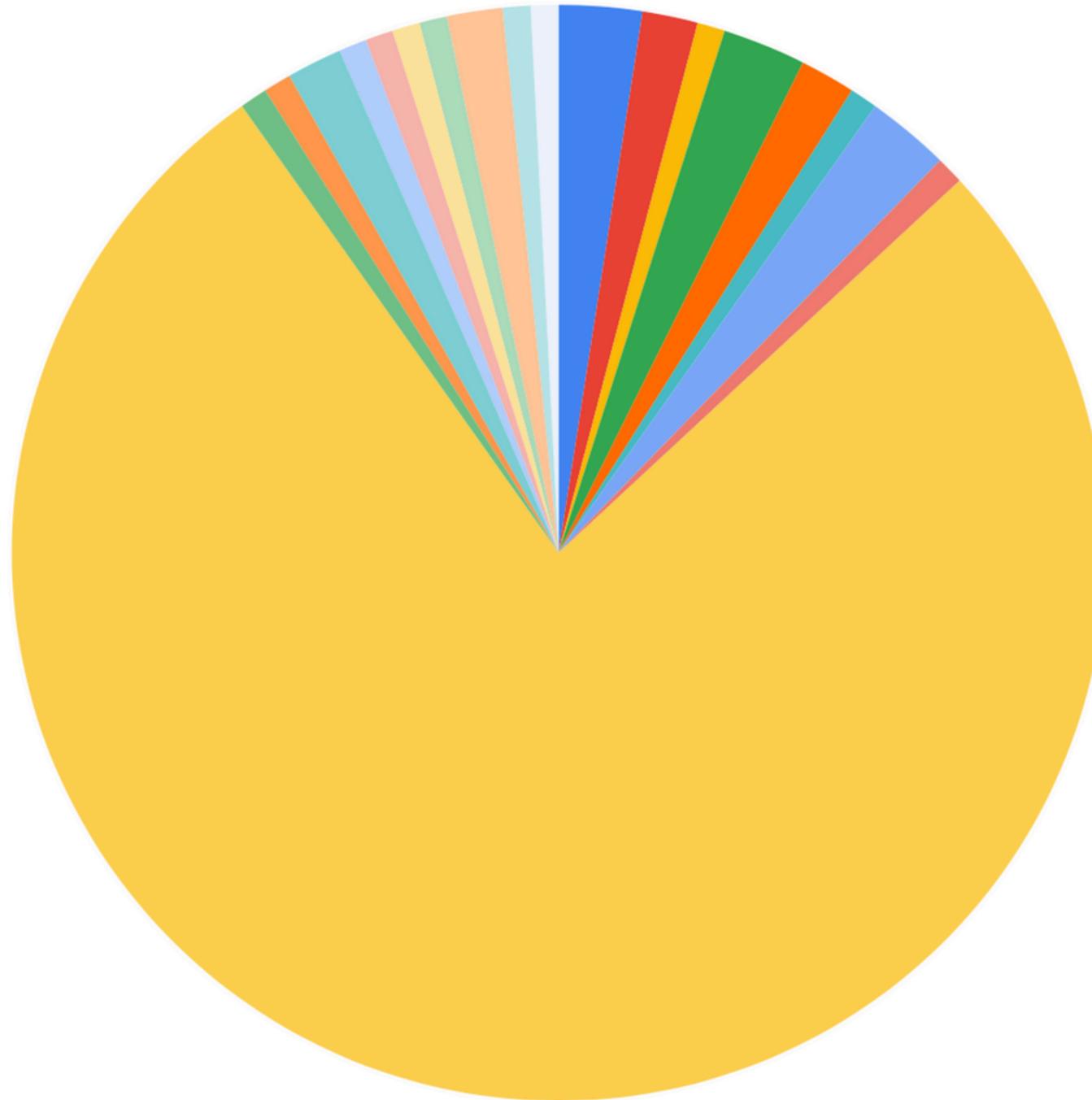
Sponsor talks: 5

Roundtable: 1



Countries

77%
from Italy



- Austria
- Belgium
- Canada
- China
- Denmark
- Ecuador
- France
- Hungary
- Italy
- Luxembourg
- Morocco
- Poland
- Portugal
- Slovenia
- Sweden
- Switzerland
- Turkey
- United Kingdom
- Uruguay



Topics

data-driven distributionally
production multi-objective outbreak
learning mathematical resources
methods transportation stochastic
traffic supply scheduling graph care
network discrete routing environment
support health optimization exact control
heuristics programming chain railway
linear theory combinatorial uncertainty
systems logistics timetabling decision-making
industrial energy management nonlinear
analytics natural metaheuristics
problems machine air decision



Plenary Speakers



Wolfram Wiesemann

Large-Scale and Data-Driven Markov Decision Processes

Tuesday, February 10, 2026 - 11:40 a.m.

Stefan Røpke

Vehicle Routing Problems

Wednesday, February 11, 2026 - 10:30 a.m.





Plenary Speakers



Martine Labbé

Solving Chance-Constrained (mixed integer) Linear Optimization Problems with Branch-and Cut

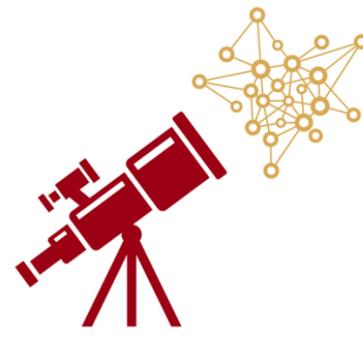
Thursday, February 12, 2026 - 10:30 a.m.

Hande Yaman Paternotte

Partitioning a Graph into Connected Components

Friday, February 13, 2026 - 10:30 a.m.





Sponsor Sessions



Hexaly and Mosek

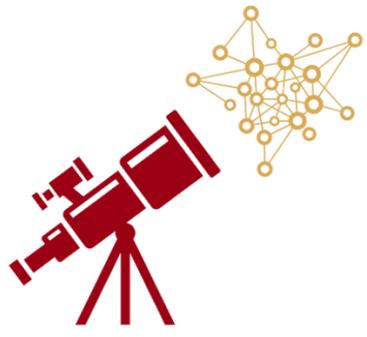
Thursday, February 12, 2026 – 2:00 p.m.

FICO, CNR-IASI, and CNR-IAC

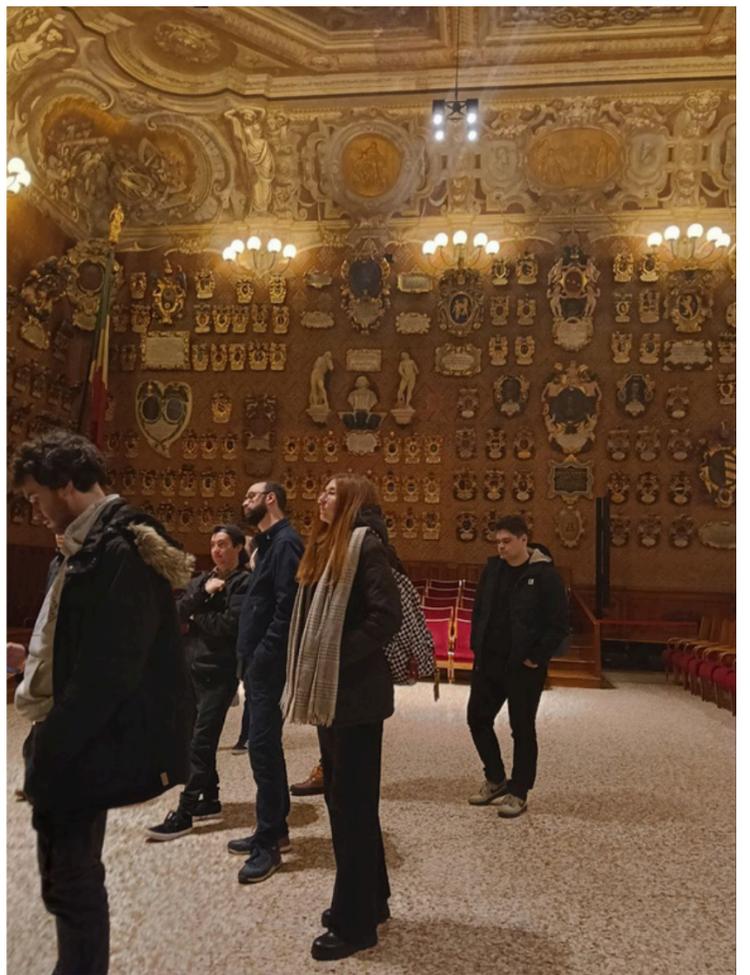
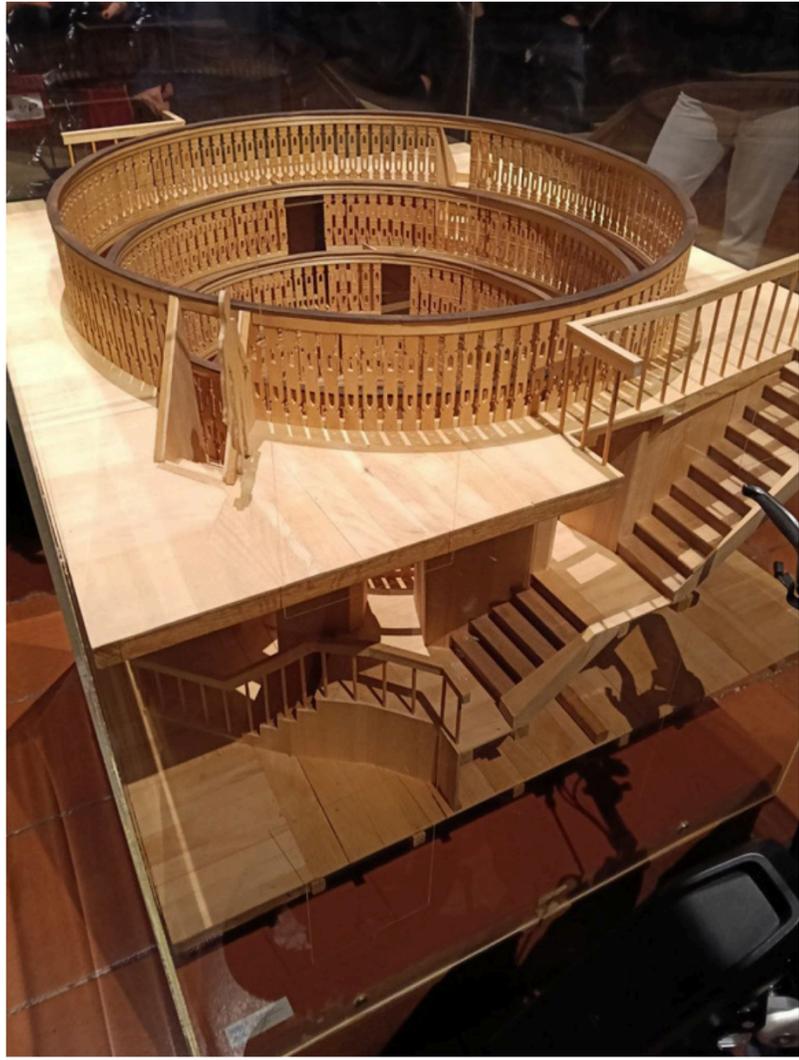
Friday, February 13, 2026 – 2:00 p.m.



CNR-IAC
Istituto
per le Applicazioni
del Calcolo



Social Event sponsored by





AIROYoung Roundtable

Thursday, February 12, 2026 - 5:20 p.m.

featuring the founding members of AIROYoung and the members of the previous and current AIROYoung boards

Lavinia Amorosi, Sapienza University of Rome

Michele Barbato, University of Milan

**Veronica Dal Sasso, Siemens Mobility, former
University of Padova**

Martina Fischetti, University of Sevilla

Serena Fugaro, Italian National Research Council

Giusy Macrina, University of Calabria

Valentina Morandi, University of Brescia

Lorenzo Peirano, University of Brescia

Alberto Santini, Universitat Pompeu Fabra



**10 YEARS OF
AIROYOUNG**

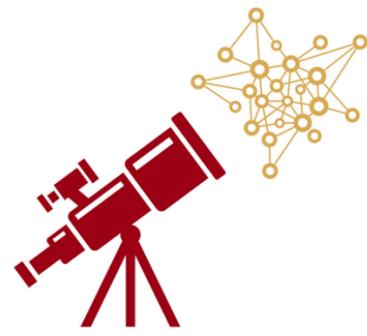


Social Dinner

BRUNELLO 1840
antica distilleria artigianale







Call for Papers – AIROSpringer Series

<http://meteor.springer.com/10AYW>

SPRINGER NATURE

Optimization between determinism and uncertainty – Proceedings of the 10th AIROYoung Workshop and Ph.D. School, University of Padua, Italy, February 9–13, 2026



Book series

AIRO Springer Series



[Editors](#)

About this book series

The AIRO Springer Series focuses on the relevance of operations research (OR) in the scientific world and in real life applications.

The series publishes peer-reviewed only works, such as contributed volumes, lectures notes, and monographs in English language resulting from workshops, conferences, courses, schools, seminars, and research activities carried out by AIRO, Associazione Italiana di Ricerca Operativa – Optimization and Decision Sciences:

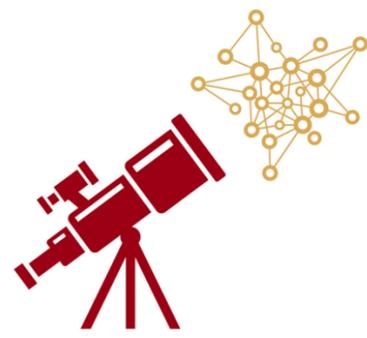
<http://www.airo.org/index.php/it/>.

Short paper submission deadline:
~~February 14, 2026~~

Deadline extension:
February 28, 2026

Special Volume Editors:

- Martina Doneda, University of Bergamo
- Dario Palasgo, DTU
- Alice Raffaele, University of Padova
- Marta L. Tessitore, University Roma Tre



Call for Papers – AIROSpringer Series

<http://meteor.springer.com/10AYW>

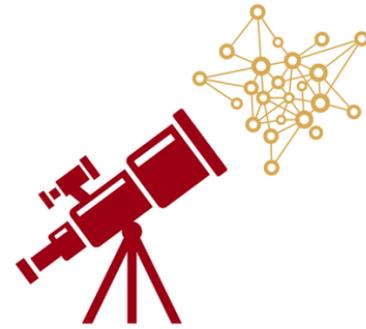
CARGOFUL  **Best Paper Award**

Certificate + 300 €

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Certificate + 250 € voucher to spend on Springer books

Participation in both awards is **automatic** and limited to authors submitting a paper to the Springer volume



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Per noi la qualità è centrale



Menu

- **Home**
- Call for papers
- Accepted papers
- Committees
- Call for posters
- Summer School
- Registration
- Local information

IPCO 2026 - The 27th Conference on Integer Programming and Combinatorial Optimization



NEWS

- The **call for posters** is now open.
- The list of **accepted papers** has been published.

<https://events.math.unipd.it/ipco2026/>

9th International Symposium on Combinatorial Optimization

6-8 May, 2026 - Kuşadası, Turkey

Spring School: 4-5 May, 2026

Credit card payment will be available.

Last Deadline for Extended Abstracts: February 15, 2026

<https://isco2026.com.tr>

The School of Management looks forward to welcoming academics and industry practitioners at all stages of their career to the 10th annual meeting of the EURO working group on Vehicle Routing and Logistics optimization (VeRoLog).

This conference offers a forum to present and discuss developments in the field.

In addition to the main conference, we will be hosting a PhD school on Friday 3, Saturday 4 and Monday 6 July.

Important deadlines

- **Abstract submission:** 23 February
- **Notification acceptance:** 9 March
- **Early registration:** 30 March
- **Late registration:** 4 May presenting/ 8 June non-presenting
- **Accompanying person:** 8 June

VeRoLog Doctoral Dissertation Prize

VeRoLog DDP 2026 announcement

<https://www.bath.ac.uk/events/verolog-2026/>

In Person

SIAM CONFERENCES

SIAM Conference on Optimization (OP26)

<https://www.siam.org/conferences-events/siam-conferences/op26/>

EVENT DETAILS

 June 2–5 , 2026

 Edinburgh, United Kingdom

 [The University of Edinburgh, United Kingdom](#)

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 [#SIAMOP26](#)

**LEADING EVENT ISMP FOR MATHEMATICAL OPTIMIZATION ATTRACTS EXPERTS
AND RESEARCHERS FROM AROUND THE WORLD**

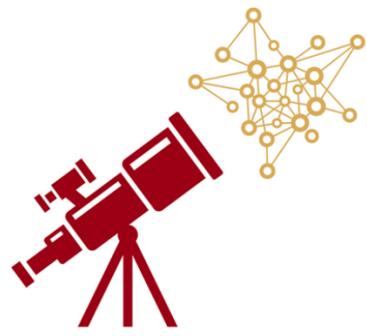
International Symposium on Mathematical Programming coming to the Netherlands in 2027

JULY 26, 2024

The International Symposium on Mathematical Programming (ISMP) will take place in the Netherlands in 2027. It will be organized by Eindhoven University of Technology (TU/e), in cooperation with the Dutch optimization community.



Photo: metamorworks on iStock



OPTIT Best Presentation Award

Evaluation criteria:

- Relevance and impact of the problem statement
- Value of the technical contribution
- Scope and soundness of the numerical evaluation
- Quality of the presentation

Evaluation committee:

- Nicola Di Cicco and Matteo Pozzi, OPTIT
- Lorenzo Perinello, University of Padova, 10AYW Organizing Committee
- Marta L. Tessitore, University Roma Tre, AIROYoung Board

37 confirmed participants