

10th AIROYoung Workshop and Ph.D. School

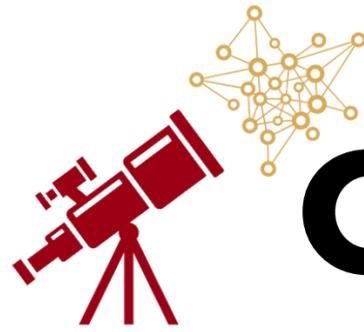


**Optimization between
determinism and uncertainty**

Workshop Opening



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

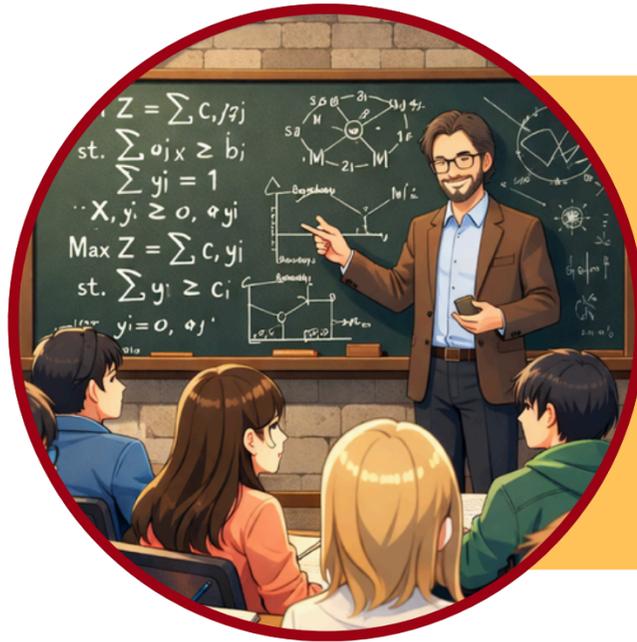
Andrea Mancuso, University of Naples Federico II

Sara Stoia, University of Calabria

Marta Leonina Tessitore, University Roma Tre



A Five-day Event



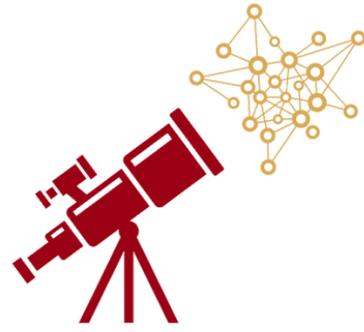
One-day Ph.D. School

Monday, February 9, 2026

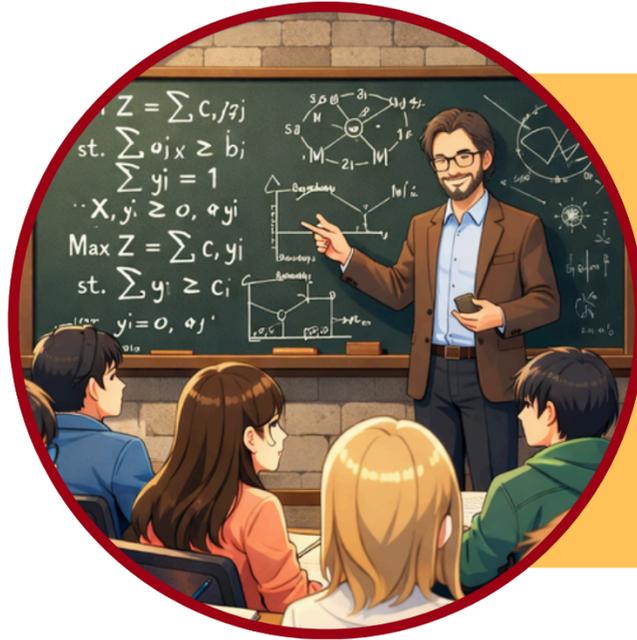
Four-day Workshop

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





A Five-day Event



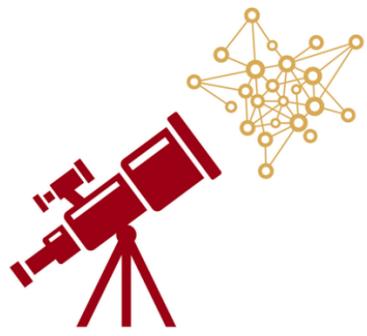
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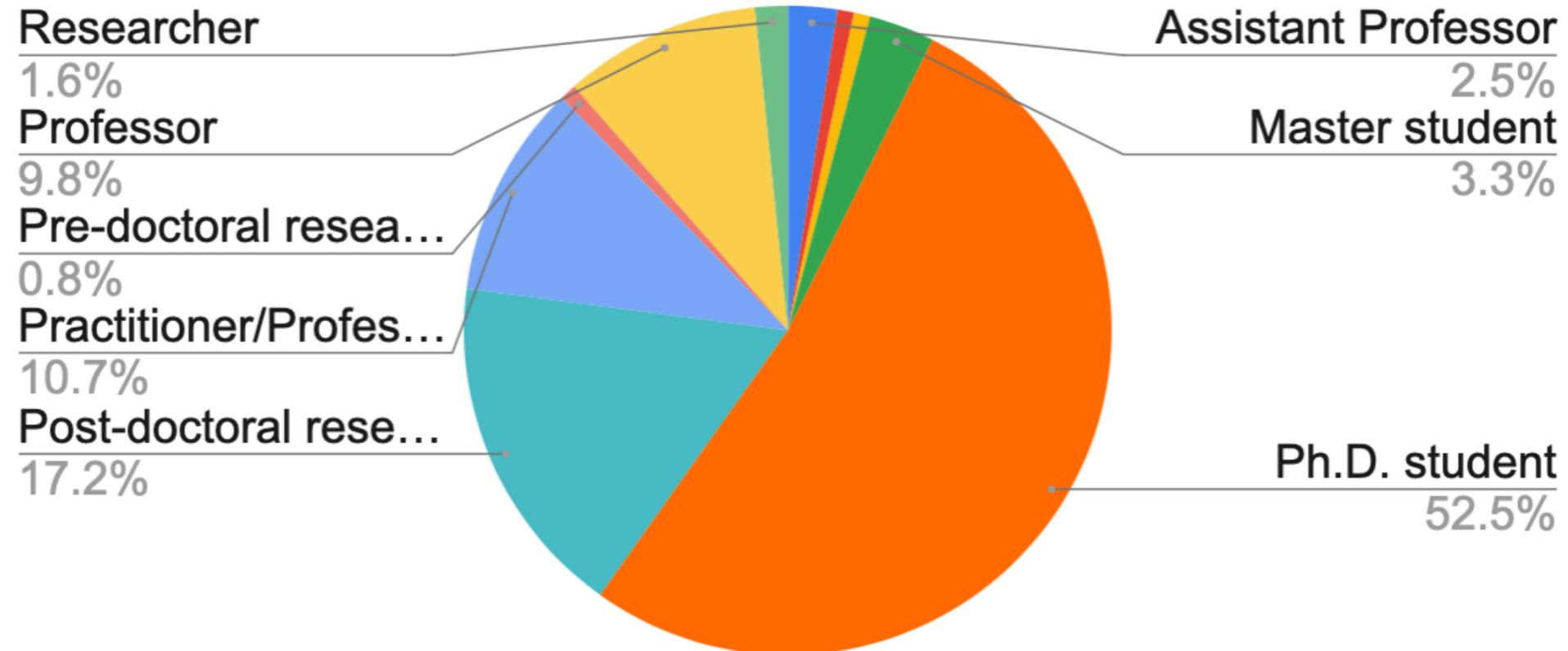




Some Stats on the Workshop

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: 58

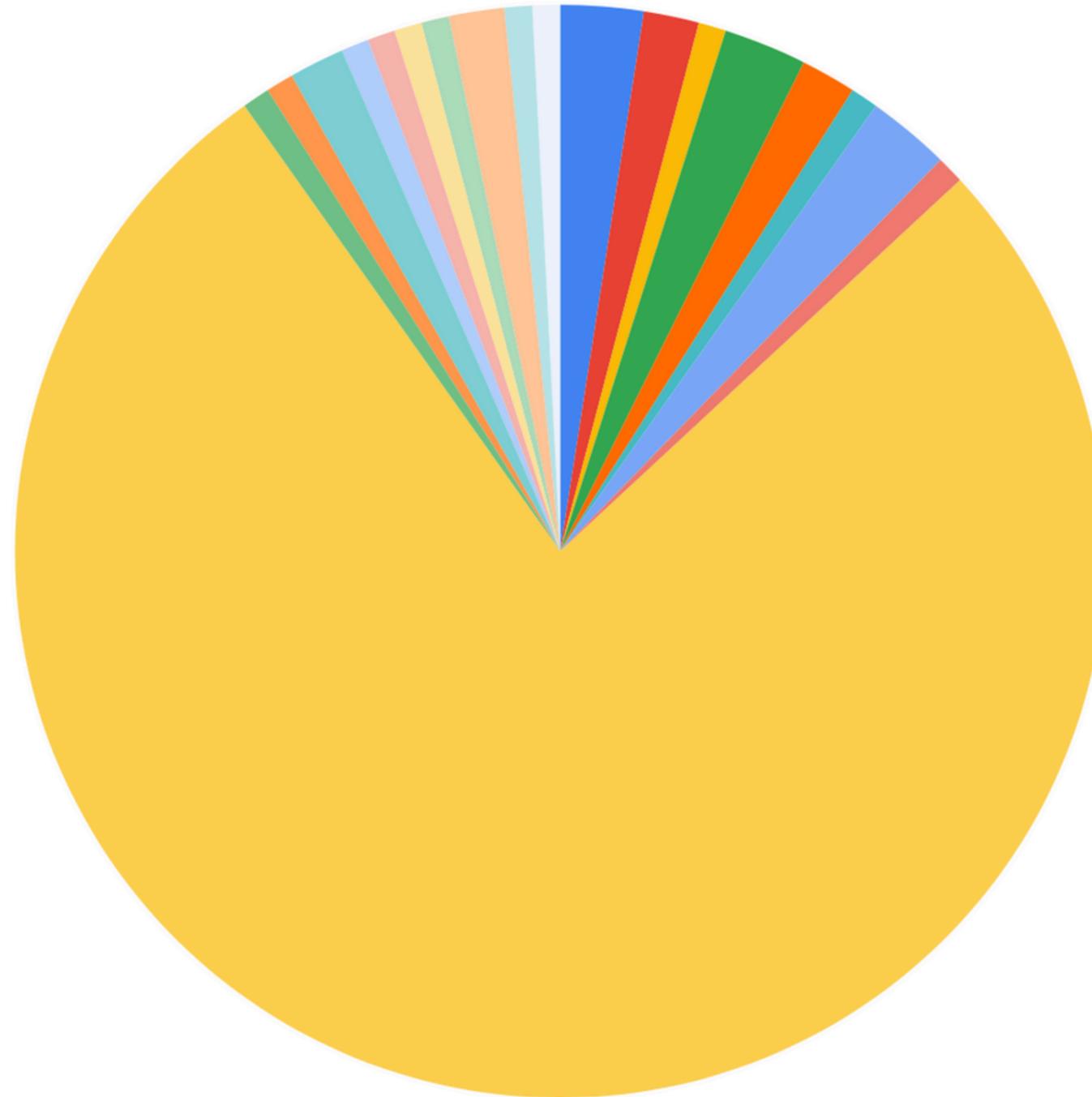
Sponsor talks: 5

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

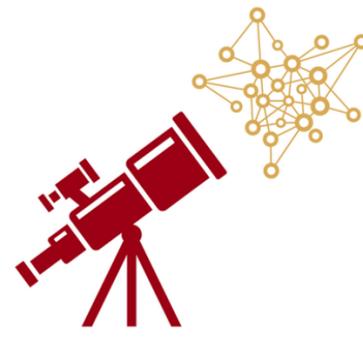
Thursday, February 12, 2026 - 10:30 a.m.

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



AIROYoung Roundtable

Thursday, February 12, 2026 – 5:20 p.m. (after a **group picture!)**

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

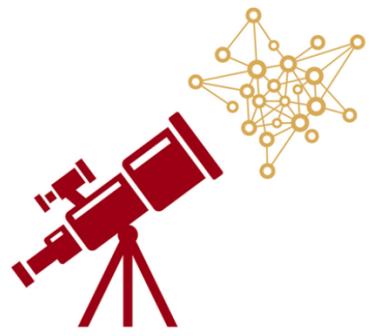
Serena Fugaro, Italian National Research Council

Giusy Macrina, University of Calabria

Valentina Morandi, University of Brescia

Lorenzo Peirano, University of Brescia

Alberto Santini, Universitat Pompeu Fabra



OPTIT Best Presentation Award

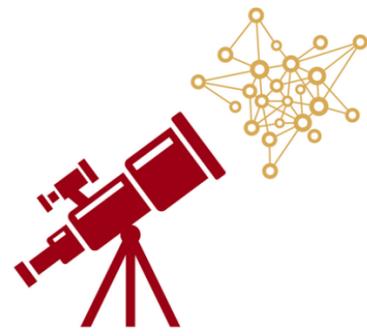
Evaluation criteria:

- 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



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:

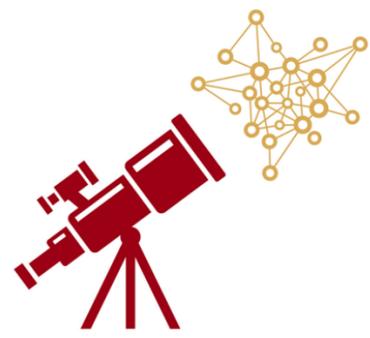
<http://www.airo.org/index.php/it/>.

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 €

 **Springer** **Best Paper Award**

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



Social Event sponsored by **hexaly**



Wednesday, February 11, 2026



Four shifts: 5:45, 6:00, 6:15, and 6:30 p.m.
Check your ticket!



Palazzo Bo, Via VIII Febbraio, 2, Padova
We can go together from here or meet directly there

Join us for a guided tour of the
historic heart of the University of Padova



Social Dinner



Thursday, February 12, 2026



8:00 p.m. to 11:00 p.m.



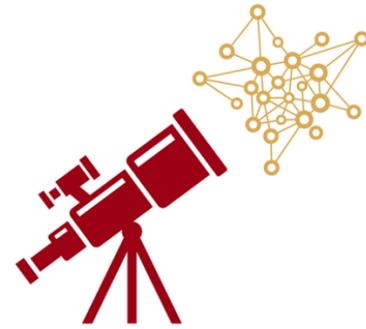
Osteria Antico Brolo, Corso Milano, 22, Padova

Aperitifs and after-dinner drinks will be offered by

BRUNELLO 1840
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the oldest Italian artisan distillery...

...Welcome to Veneto!



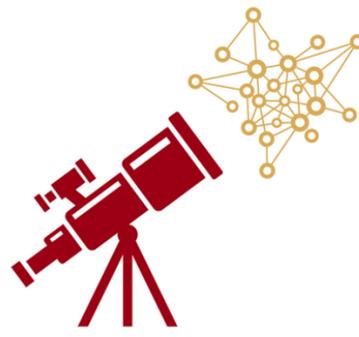
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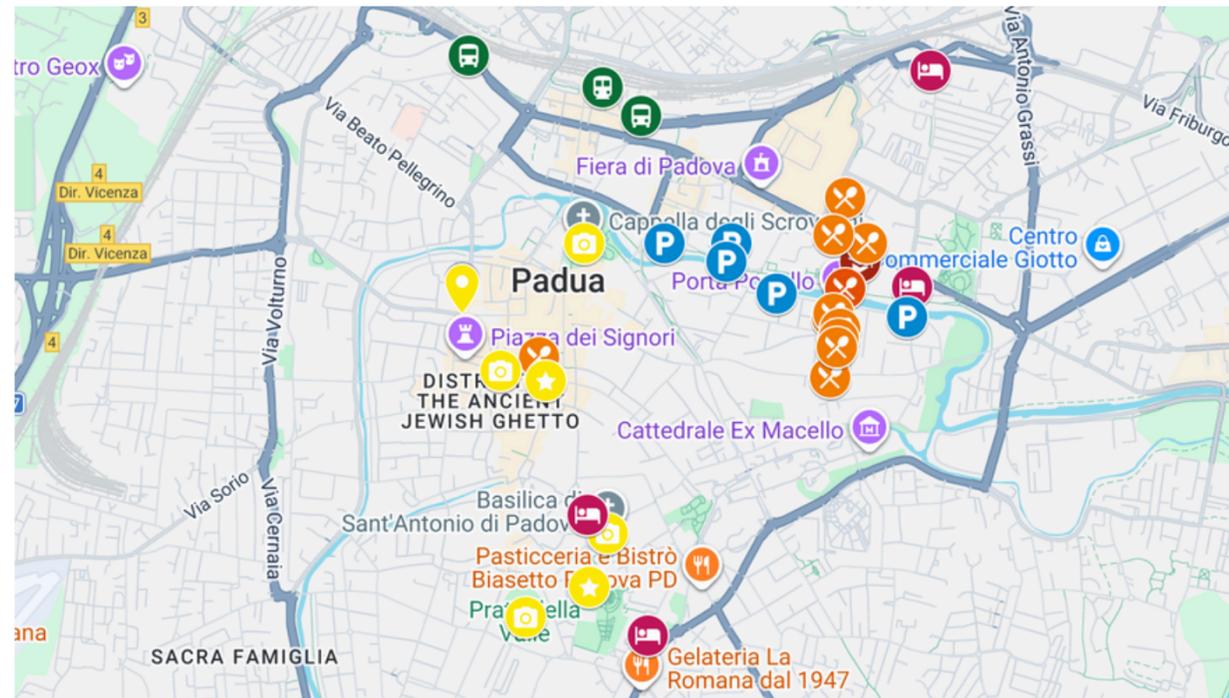


Per noi la qualità è centrale



Practical Information

- **Is there any WiFi?** Yes, you can connect to **eduroam** via your institutional e-mail account
- **Where is the coffee break?** In the Common Room
- **Any suggestions on where to eat?** You can find a map on the 10AYW website with the location of places close to the workshop venue, and some links on where to eat in the city center

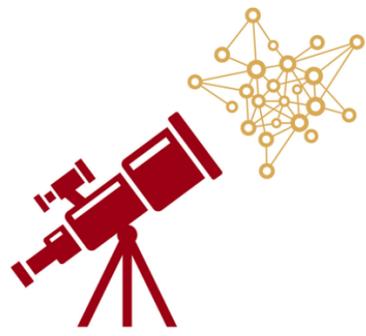




WhatsApp 10AYW Official Community



Scan the QR code to stay up to date on relevant information and news about the event



AIROYoung is Social!

If you publish posts or stories about the event, don't forget to use the hashtag **#10AYW** and tag **AIROYoung**



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AIROYoungResearchersChapter