

# Oliviero Nardi

## Curriculum Vitæ

Institute of Logic and Computation, room HA0307  
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📄 olinarr.github.io

### PhD student in Computational Social Choice

#### Education

- 2022 – Present Apr **PhD student (MSCA)**, TU Wien, Austria.  
◦ *Supervisor*: Stefan Woltran  
◦ *Programme*: LogiCS@TUWien  
◦ *Funding*: Marie Skłodowska-Curie Action (COFUND)
- 2024 – 2024 Oct Dec **Visiting student at LAMSADE**, Paris Dauphine University, France.  
◦ *Visiting* Jérôme Lang and Dominik Peters  
◦ *Funding*: Erasmus+ traineeship program
- 2019 – 2021 Sep Jul **MSc in Artificial Intelligence (cum laude)**, University of Amsterdam, The Netherlands.  
◦ *Thesis*: A Graph-Based Algorithm for the Automated Justification of Collective Decisions  
◦ *Supervisors*: Arthur Boixel and Ulle Endriss  
◦ *GPA*: 9.3/10
- 2016 – 2019 Sep Jul **BSc in Computer Science (cum laude)**, University of Verona, Italy.  
◦ *Thesis*: Control of a Robotic Arm through Reinforcement Learning  
◦ *Supervisor*: Alessandro Farinelli  
◦ *Final evaluation*: 110/110 cum laude  
◦ *GPA*: 29.9/30

#### Employment

- 2022 – Present Apr **University Assistant**, TU Wien, Vienna, Austria.
- 2021 – 2022 Sep Feb **Research Assistant**, Institute for Logic, Language and Computation, Amsterdam, The Netherlands.
- 2020 – 2021 Oct Jan **Teaching Assistant**, University of Amsterdam, Amsterdam, The Netherlands.

#### Awards

- 2022 Jun **UvA Thesis Prize 2022**: University-wide winner of the best thesis award

#### Teaching Experience

- Since 2024 **Co-Supervision of Master's theses**, MSc in Logic and Computation, TU Wien.
- Summer semester 2025 **Preferences in Artificial Intelligence**, MSc in Logic and Computation, TU Wien.  
Lecturing and supervising student projects.
- Winter semesters 2022–2024 **Formal Methods in Computer Science**, MSc in Logic and Computation, TU Wien.  
Preparing and grading homework.
- Winter semester 2022 **Scientific Research and Writing**, BSc in Informatics, TU Wien.  
Grading seminar papers.
- Winter semester 2020 **Natural Language Processing**, MSc in Artificial Intelligence, University of Amsterdam.  
Giving tutorials, grading homework and exams.

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## Computer Skills

### Programming Languages

Fluent Python, Java, C, MATLAB  
Intermediate Haskell, Prolog, Scheme, JavaScript

### Other

L<sup>A</sup>T<sub>E</sub>X, HTML, CSS, Flask, Answer Set Programming, SAT Solvers, Bash, Scientific Python libraries (Numpy, Pytorch, Pandas, Nltk)

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## Language Skills

Italian Native speaker  
English Fluent speaker  
German A2-level speaker

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## Extra Courses

Winter 2015 **Algorithms and Problem Solving**, University of Verona, Italy, 30/30 cum laude.  
Part of the “Tandem Project” with the University of Verona and “L. Da Vinci” high school.  
Winter 2014 **Algorithms and Coding**, University of Verona, Italy, 30/30 cum laude.  
Part of the “Tandem Project” with the University of Verona and “L. Da Vinci” high school.

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## Academic Activities

I have served as a reviewer for *JAIR* and as a subreviewer for *Algorithmica*. Moreover, I served as a PC member for *AAAI 2026*. Finally, I served as subreviewer for the *ECAI 2023*, *IJCAI 2024*, *ADT 2024*, *AAAI 2025*, *GDN 2025*, *KI 2025*, *JELIA 2025*, *COMSOC 2025* and *AAMAS 2024–2025* conferences.

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## Selected talks

May 2024 **AAMAS 2024**, Auckland, New Zealand.  
Title: “Combining Voting and Abstract Argumentation to Understand Online Discussions”.  
June 2023 **AAMAS 2023**, London, UK.  
Title: “Free-Riding in Multi-Issue Decisions”.  
July 2022 **IJCAI 2022**, Vienna, Austria.  
Title: “Displaying Justifications for Collective Decisions” (demo paper).  
May 2022 **AAMAS 2022**, Online.  
Title: “A Graph-Based Algorithm for the Automated Justification of Collective Decisions”.

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## Publications

### Conference publications

Michael Bernreiter, Jan Maly, Oliviero Nardi, and Stefan Woltran. Combining Voting and Abstract Argumentation to Understand Online Discussions. In *Proceedings of the 23rd International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2024)*. IFAAMAS, May 2024.

Ayumi Igarashi, Martin Lackner, Oliviero Nardi, and Arianna Novaro. Repeated Fair Allocation of Indivisible Items. In *Proceedings of the 38th AAAI Conference on Artificial Intelligence (AAAI 2024)*. AAAI Press, February 2024. Early version presented at COMSOC 2023.

Martin Lackner, Jan Maly, and Oliviero Nardi. Free-Riding in Multi-Issue Decisions. In *Proceedings of the 22nd International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2023)*. IFAAMAS, May 2023.

Michele Ambrosi, Francesco Beltramini, Federico De Meo, Oliviero Nardi, Mattia Pacchin, and Marco Rocchetto. The Etiology of Cybersecurity. In *Applied Cryptography and Network Security Workshops (ACNS Workshops 2022)*, September 2022.

Arthur Boixel, Ulle Endriss, and Oliviero Nardi. Displaying Justifications for Collective Decisions. In *Proceedings of the 31st International Joint Conference on Artificial Intelligence (IJCAI 2022)*, July 2022. Demo paper.

Oliviero Nardi, Arthur Boixel, and Ulle Endriss. A Graph-Based Algorithm for the Automated Justification of Collective Decisions. In *Proceedings of the 21st International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2022)*. IFAAMAS, May 2022.

### Theses

Oliviero Nardi. A Graph-Based Algorithm for the Automated Justification of Collective Decisions. Master's thesis, University of Amsterdam, ILLC, July 2021. Winner of the UvA Thesis Award 2022.