

# Oliviero Nardi

## Curriculum Vitæ

Institute of Logic and Computation, room HA0307  
Favoritenstraße 9-11, 1040 Vienna  
✉ oliviero.nardi@tuwien.ac.at  
📄 olinarr.github.io

*PhD student interested in Computational Social Choice.*

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## Education

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

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## Employment

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

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## Awards

- 2022 **UvA Thesis Prize 2022:** University-wide winner of the best thesis award  
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## Teaching Experience

- Winter semesters **Formal Methods in Computer Science, MSc in Logic and Computation, TU Wien.**  
2022–2024 Preparing and grading homework.
- Winter semester **Scientific Research and Writing, BSc in Informatics, TU Wien.**  
2022 Grading seminar papers.
- Winter semester **Natural Language Processing, MSc in Artificial Intelligence, University of Amsterdam.**  
2020 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

LaTeX, 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

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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 subreviewer for the international journal *Algorithmica*, and the *ECAI 2023*, *AAMAS 2024*, *IJCAI 2024* and *ADT 2024* conferences.

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## Talks

- 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.