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

2024–2025
Co-Supervision of two 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, 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.

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)

Language Skills

Italian	Native speaker
English	Fluent speaker
German	A2-level speaker

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.

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* and *AAMAS 2026*. Finally, I served as subreviewer for the *ECAI 2023*, *IJCAI 2024*, *ADT 2024*, *AAAI 2025*, *GDN 2025*, *KI 2025*, *JELIA 2025*, *COMSOC 2025*, *DIGHUM-RES 2025*, and *AAMAS 2024–2026* conferences.

Additionally, I have helped co-organize *COMSOC 2025* in Vienna.

Selected talks

October 2025 **M-Pref 2025**, *Bologna*, Italy.
Title: "Avoiding Overrepresentation: Upper Quota Axioms for Committee Voting".

October 2025 **Dagstuhl 25401**, *Dagstuhl*, Germany.
Title: "Repeated Fair Allocation of Indivisible Items".

May 2024 **AAMAS 2024**, *Auckland*, New Zealand.
Title: "Combining Voting and Abstract Argumentation to Understand Online Discussions".

October 2023 **COMSOC Video Seminar**, *Online*.
Title: "Repeated Fair Allocation of Indivisible Items".

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".

Publications

Journal publications

Martin Lackner, Jan Maly, and Oliviero Nardi. Free-Riding in Multi-Issue Decisions. *Journal of Artificial Intelligence Research (JAIR)*. Forthcoming.

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)*, pages 170–179. 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)*, pages 9781–9789. 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)*, pages 2040–2048. 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)*, pages 299–319. Springer, 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)*, pages 5892–5895, 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)*, pages 935–943. IFAAMAS, May 2022.

Theses

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

Oliviero Nardi. Control of a Robotic Arm through Reinforcement Learning, July 2019. Bachelor's Thesis. In Italian.

Preprints

Jan Maly, Oliviero Nardi, and Zoi Terzopoulou. Sociotropic Behavior in Voting, September 2025. Presented as a poster at COMSOC 2025.

Martin Lackner and Oliviero Nardi. Avoiding Overrepresentation: Upper Quota Axioms for Committee Voting, October 2025. Presented at M-Pref 2025.