# Oliviero Nardi

*Curriculum Vitæ*

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

*PhD student interested 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)

2019 (Sep) – 2021 (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 (Sep) – 2019 (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 (Sep) – 2022 (Feb)
**Research Assistant**, *Institute for Logic, Language and Computation*, Amsterdam, The Netherlands.

2020 (Oct) – 2021 (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

Winter semesters 2022–2023
**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

## 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 subreviewer for the international journal *Algorithmica* and the *ECAI 2023* and *AAMAS 2024* conferences.

## Talks

July 2023 **COMSOC-2023**, *Beersheba*, Israel.
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

### Conference publications

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.

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.

### Preprints

Ayumi Igarashi, Martin Lackner, Oliviero Nardi, and Arianna Novaro. Repeated Fair Allocation of Indivisible Items, April 2023. Also presented at COMSOC 2023.