

PERSONAL INFORMATION **Alessandro Trapasso**

## EDUCATION AND TRAINING

- Nov. 2021 - Present **Ph.D in Engineering in Computer Science**  
Dipartimento di ingegneria Informatica, Automatica e Gestionale (DIAG)/Sapienza University of Rome/Italy
- Mar. 2021 **Master's Degree in Engineering in Computer Science**  
Sapienza University of Rome/Italy  
– **Thesis Title:** Multi-UAV reinforcement learning with temporal and priority goals  
– **Final Mark:** 110/110
- Dec. 2017 **Bachelor Degree in Computer and Automatic Engineering**  
Sapienza University of Rome/Italy

## PERSONAL SKILLS

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

- FELLOWSHIPS AND AWARDS – Third Place, Best System Demonstration for the demo Unified Planning: A Python Library Making Planning Technology. 2nd International Conference on Automated Planning and Scheduling (ICAPS 2022).

- TEACHING ACTIVITIES – Tutor for Reasoning Agents 2023-2024 (module of Electives in AI, MARR)  
– Tutor for Reasoning Agents 2022-2023 (module of Electives in AI, MARR)  
– Part of the organization: Reinforcement Learning Summer School, June 26th to July 5th, 2023, Barcelona

## PUBLICATIONS

- [1] Alessandro Trapasso, Sofia Santilli, Luca Iocchi, and Fabio Patrizi. “A formalization of multi-agent planning with explicit agent representation”. In: (2023), pp. 816–823. URL: <https://doi.org/10.1145/3555776.3577753>.
- [2] Sofia Santilli, Alessandro Trapasso, Luca Iocchi, and Fabio Patrizi. “A novel algorithm for parallelizing actions of a sequential plan”. In: (2023). URL: [https://icaps23.icaps-conference.org/program/workshops/planrob/PlanRob-23\\_paper\\_11.pdf](https://icaps23.icaps-conference.org/program/workshops/planrob/PlanRob-23_paper_11.pdf).
- [3] Nicolo' Brandizzi, Damiano Brunori, Francesco Frattolillo, Alessandro Trapasso, and Luca Iocchi. “Mixed Human-UAV Reinforcement Learning: Literature Review and Open Challenges”. In: (2022). URL: [https://events.isae-supaero.fr/event/14/contributions/367/attachments/32/69/Extended\\_Abstract\\_ICCAS\\_2022.pdf](https://events.isae-supaero.fr/event/14/contributions/367/attachments/32/69/Extended_Abstract_ICCAS_2022.pdf).