



Indro Spinelli

Nationality: Italian | **Email address:** indro.spinelli@gmail.com |

Address: viale Regina Elena 295, G24, 00161, Rome, Italy (Work)

WORK EXPERIENCE

05/04/2023 – CURRENT

ASSISTANT PROFESSOR SAPIENZA UNIVERSITY OF ROME

Research:

- Virtual Humans
- Social Robotics
- Generative Artificial Intelligence
- Explainable Artificial Intelligence
- Geometric Deep Learning

Teaching:

- Artificial Intelligence & Machine Learning Unit 1 [23/24]

01/11/2022 – 05/04/2023

RESEARCHER CINI (CONSORZIO INTERUNIVERSITARIO NAZIONALE PER L'INFORMATICA)

Development and deployment of deep learning solutions for speech processing.

16/09/2022 – 16/01/2023

TEACHING ASSISTANT LUISS DEPARTMENT OF BUSINESS AND MANAGEMENT

Artificial Intelligence and Machine Learning [22/23]

Introduction to Computer Programming [22/23]

01/11/2016 – 30/11/2017

RESEARCHER TRADR: LONG-TERM HUMAN-ROBOT TEAMING FOR DISASTER RESPONSE

Simultaneous localisation and mapping (SLAM) for search and rescue robotic operations.

EDUCATION AND TRAINING

10/10/2019 – 31/10/2022

PHD IN INFORMATION AND COMMUNICATION TECHNOLOGIES Sapienza University of Rome

Field of study Fairness, Geometric Deep Learning, Explainable Artificial Intelligence |

Thesis Towards Trustworthy Graph Neural Networks

01/04/2022 – 01/06/2022

VISITING PHD UiT The Arctic University of Norway

10/10/2017 – 10/10/2019

MSC IN ARTIFICIAL INTELLIGENCE AND ROBOTICS Sapienza University of Rome

Final grade 110 cum laude | **Thesis** Graph Neural Networks for Missing Data Imputation

10/10/2014 – 10/10/2017

BSC IN COMPUTER AND SYSTEM ENGINEERING Sapienza University of Rome

Final grade 109 | **Thesis** PLVS: An Open-Source RGB-D and Stereo SLAM System

● ADDITIONAL INFORMATION

PUBLICATIONS

[Drop Edges and Adapt: a Fairness Enforcing Fine-tuning for Graph Neural Networks](#) – 2023

Neural Networks

[A Meta-Learning Approach for Training Explainable Graph Neural Networks](#) – 2022

IEEE Transactions on Neural Networks and Learning Systems

[Fairdrop: Biased edge dropout for enhancing fairness in graph representation learning](#) – 2022

IEEE Transactions on Artificial Intelligence

[Adaptive propagation graph convolutional network](#) – 2020

IEEE Transactions on Neural Networks and Learning Systems

[Missing data imputation with adversarially-trained graph convolutional networks](#) – 2020

Neural Networks

HONOURS AND AWARDS

03/03/2018

Honours Programme – Sapienza University of Rome

ACADEMIC SERVICE

Reviewer

Reviewer of the following Journals/Conferences:

- IEEE Transactions on Neural Networks and Learning Systems
- IEEE Transactions on Artificial Intelligence
- Neural Networks, Elsevier
- Neurocomputing, Elsevier
- Cognitive Computation, Elsevier
- International Conference on Machine Learning (ICML)
- IEEE World Congress on Computational Intelligence (WCCI)
- IEEE/ CVF Conference on Computer Vision and Pattern Recognition (CVPR)
- Association for the Advancement of Artificial Intelligence (AAAI)
- International Conference on Artificial Intelligence and Statistics (AISTATS)

Advisor

Stefano D'Arrigo [23/] (Sapienza, co-advisor)

Massimiliano Pappa [23/] (Sapienza, co-advisor)

Alessandro Baiocchi [22/] (Sapienza, co-advisor)

10/01/2024

Bibliometric indices

h-index: 7 (Google Scholar), 5 (Scopus)

citations: 321 (Google Scholar), 135 (Scopus)

For an updated list of publications, see <https://scholar.google.com/citations?user=-EH4wBYAAAAJ>
