



Indro Spinelli

● WORK EXPERIENCE

14/06/2021 – 20/06/2021

ASSISTANT LECTURER – LUISS DEPARTMENT OF BUSINESS AND MANAGEMENT

11/11/2016 – 11/11/2017

RESEARCH INTERN – TRADR: LONG-TERM HUMAN-ROBOT TEAMING FOR DISASTER RESPONSE

10/10/2009 – CURRENT

REFEREE – FEDERAZIONE ITALIANA PALLACANESTRO

● EDUCATION AND TRAINING

01/04/2022 – 01/06/2022

VISITING PHD – UiT The Arctic University of Norway

10/10/2019 – CURRENT

PHD IN INFORMATION AND COMMUNICATION TECHNOLOGIES – Sapienza University of Rome

Field of study Explainable AI, Fairness, Graph Neural Networks

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

● **DIGITAL SKILLS**

My Digital Skills

Deep Learning Frameworks

PyTorch | TensorFlow | JAX

Know-how

Machine Learning | Explainable AI | Graph Neural Networks | Natural Language Processing | Fairness

● **PUBLICATIONS**

Re-identification of objects from aerial photos with hybrid siamese neural networks

IEEE Transactions on Industrial Informatics
<https://doi.org/10.1109/tii.2022.3184407> - 2022

A Meta-Learning Approach for Training Explainable Graph Neural Networks

IEEE Transactions on Neural Networks and Learning Systems
<https://doi.org/10.1109/tnnls.2022.3171398> - 2022

Fairdrop: Biased edge dropout for enhancing fairness in graph representation learning

IEEE Transactions on Artificial Intelligence
<https://doi.org/10.1109/tai.2021.3133818> - 2022

Distributed training of graph convolutional networks

IEEE Transactions on Signal and Information Processing over Networks
<https://doi.org/10.1109/TSIPN.2020.3046237> - 2021

Efficient data augmentation using graph imputation neural networks

Progresses in Artificial Intelligence and Neural Systems
https://doi.org/10.1007/978-981-15-5093-5_6 - 2021

Adaptive propagation graph convolutional network

IEEE Transactions on Neural Networks and Learning Systems
<https://doi.org/10.1109/tnnls.2020.3025110> - 2020

Missing data imputation with adversarially-trained graph convolutional networks

Neural Networks
<https://doi.org/10.1016/j.neunet.2020.06.005> - 2020

● **HONOURS AND AWARDS**

03/03/2018

Honours Programme – Sapienza University of Rome

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 GDPR 679/16.

Roma, 27/09/2022

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