



Mohadeseh Pasha

Nationality: Iranian **Date of birth**

Phone number

Email address: Mohadeseh.Pasha@uniroma1.it

Work: Via Eudossiana 18, 00184 Rome (Italy)

WORK EXPERIENCE

Doctoral Researcher

Faculty of Civil Construction and Environmental Engineering of Sapienza University of Rome [01/11/2023 – Current]

City: Rome | **Country:** Italy

EDUCATION AND TRAINING

PhD Researcher

Sapienza University of Rome [01/11/2023 – Current]

City: Rome | **Country:** Italy

Master of Science in Transportation System Engineering

Sapienza University of Rome [2018 – 2022]

City: Rome | **Country:** Italy

Bachelor of Science

K.N Toosi University of Technology [2010 – 2015]

City: Tehran | **Country:** Iran

PROJECTS

[2020]

Academic Project: Vehicle Route Planning Travel Time and distance Optimization of delivery fleet

[2018 – 2019]

Academic Project: Traffic Signal Planning and Synchronization

1. Analysis the actual traffic situation of one of the main arteries in Rome.
2. Evaluation of intersection delay and LOS based on High Capacity Manual (HCM)
3. Delay reduction by signal setting optimization foreach intersection
4. The artery has been synchronized: maximizing the bandwidth is related to minimizing the delay along the artery.

CONFERENCES AND SEMINARS

[2023] Rome

SIDT Conference

[2024] Sardinia italy

SIDT Conference Conference paper presentation on Creatin of a Rapid Diagnosis System for the Analysis and Control of Traffic Areas

[2024] Rome

EEEI Conference Conference Presentation on Integration of Vehicle to Grid (V2G) Technology to Enhance Smart Grid Management: A Case Study of Electric Mobility In Rome.

LANGUAGE SKILLS

Mother tongue(s): Persian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Italian

LISTENING A2 **READING** A2 **WRITING** A2

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / Python Language - Basic knowledge / Simulation of Urban Mobility (SUMO) / BIM e CAD Software (AutoCAD Open Roads Civil 3D Civil Design TransCAD)

HOBBIES AND INTERESTS

Hobbies Dancing, Gym, Music, Playing Guitar, Travelling