

Name and Surname **Negin Faramarzi**

EDUCATION AND TRAINING

09/2019-01/2022 **MS. C in Engineering-Nanotechnology Engineering**
Sapienza University of Rome
 Address: Rome, Italy
 Final grade: 110 with honor (out of 110)
 Thesis: smart mask sensorized for advanced healthcare monitoring

Main subjects

- The objective is to realize a graphene-based biodegradable and biocompatible smart mask able to detect human respiration. The mask incorporates a piezoresistive-based sensor and a fast response graphene-based aerogel humidity sensor.

2010-2014 **Bachelor of Engineering-Chemical Engineering**
 Shiraz University
 Address: Shiraz, Iran

 Final grade: 15.48 (out of 20)

PERSONAL SKILLS

Mother tongue(s) Persian(Farsi)

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Italian	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills - Good Team Worker, Empathic listener, and persuasive speaker
 - Adoptable to New Environment, confident

Organizational/managerial skills - Leadership
 - Team-leading skill

Job-related skills - Microsoft Office, Origin Lab, MATLAB and Hysys(basic)

ADDITIONAL INFORMATION

Academic Presentations and Projects

- Research grant, "Sensorized face masks for advanced healthcare monitoring ", SENSE MASCLazioInnova (prot. A1700-2021-10053
Participation in the project (<https://web.uniroma1.it/diaee/progetto-sense mascar>)
- Humidity sensors: A review of materials and working principles
- A detailed investigation of scanning ion microscopy
- A detailed investigation of Metal quantum dots biosensors

Certificates

- Received course completion certificate for attending "ISO 14001:2015" workshop held by ANCCP Academy
- Received course completion certificate for attending "OHSAS 18001:2007" workshop held by ANCCP Academy
- Received course completion certificate for attending "HSE Management System" workshop held by ANCCP Academy
- Received course completion certificate for attending "HSE Officer" workshop held by ANCCP Academy
- International summer school Materials 4.0-Bridging the scales

Conferences and seminars

- Nano Innovation conference and exhibition (Sapienza University of Rome, Rome, Italy)

Publications

- Wearable Graphene-based Sensorized Face Mask for Real-Time Human Respiration Monitoring (under review)

References

Prof. ALESSANDRO GIUSEPPE D'ALOIA
E-mail
alessandrogiuseppe.daloia@uniroma1.it

Declaration

I (NEGIN FARAMARZI) hereby declare that the information given above is true to the best of my knowledge & belief.