

Curriculum Vitae

Personal Information

- First Name / Last Name: Sonia Maalej
- Current Position: Assistant Professor, Higher Institute of Applied Sciences and Technology of Kairouan (ISSAT), Tunisia
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- E-mail: sonia.maalej@enis.tn
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- Nationality: Tunisian
- Date & Place of Birth: 28 March 1986, Sfax, Tunisia

Education and Degrees

- Ph.D. in Electrical Engineering, University of Lille 1, France (2014)
- M.Sc. in Electrical Engineering (Automation & Industrial Computing), ENIS, Tunisia (2011)
- M.Sc. in Electrical Engineering (Autonomous Systems & Field Networks), EC-Lille, France (2011)
- Engineering Degree in Electrical Engineering (Automation & Industrial Computing), ENIS, Tunisia (2010)
- Baccalaureate in Mathematics, Tunisia (2005)

Professional Experience

- Assistant Professor (2025 – present) at the Higher Institute of Applied Sciences and Technology of Kairouan (ISSAT), Tunisia
- Assistant Professor (2014 – 2024) at the Private Polytechnic Institute of Advanced Sciences of Sfax (IPSAS), Tunisia
- Teaching Assistant (2015 – 2016) at the Higher Institute of Computer Science and Multimedia of Sfax, Tunisia
- Doctoral Researcher (2012 – 2014) at École Centrale de Lille, France

Research Areas

- Deep learning for image analysis
- Image processing
- Artificial Intelligence
- IoT and embedded systems
- Robust control of time-varying nonlinear systems

Research Affiliations

- Member of ReGIM-Lab: Research Groups in Intelligent Machines, ENIS, Tunisia
- Member of the Association for Scientific Research and Innovation in Computer Science
- Former member of Lab'STA (Laboratory of Automatic Control & Industrial Computing Sciences and Techniques), ENIS

Research Projects

- Member of the international project "THUNDER" (HORIZON-TMA-MSCA-SE, MSCA Staff Exchanges 2024)
- Member of the national project "An Intelligent 3D Facial Image-Based Approach for Improving Maxillofacial Care" (Collaborative Research Program 2024)
- Member of the Tunisia/South-Africa international project
- Member of the national project PAQ Collabora Zitounetna
- Proposal submitted to the National Innovation Competition of Tunisia (5th edition, 2023)

Scientific Output

- h-index: 5
- Citations: 74
- Google Scholar profile:
<https://scholar.google.com/citations?user=p2OyTcQAAAAJ&hl=en>