

JOANA LÚCIA LOPES | PhD CHEMISTRY

33 y.o. | +351 916 720 809 | joanalucia.lopes@gmail.com | Sertã, Portugal | Light vehicles (B, B1)

 in/joana-lms-lopes |  0000-0003-1612-4983

Portuguese (native); English (technical)

EXPERIENCE

R&D Researcher mar 22 – mar 23	CeNTI - Centre for Nanotechnology and Smart Materials Functional Materials department, namely in the synthesis of green and sustainable silica-based materials with different functionalities.
Researcher Fellow oct 15 – mar 17	CICECO - University of Aveiro Synthesis of metal sulfides and graphene-based composites for photocatalytic degradation of water pollutants.
Researcher Fellow apr 15 – aug 15	CICECO - University of Aveiro Synthesis of magnetic nanomaterials for uptake of metal ions from water.
Scientific Initiation Researcher oct 09 – sep 10	Nova School of Science and Technology Direct electrochemistry of a molybdenum enzyme.

EDUCATION

PhD Chemistry apr 17 – feb 22	University of Aveiro Thesis: <i>"Carbon nanostructures for the photodegradation of pollutants in water"</i>
Master Chemistry sep 12 – dec 14	University of Aveiro Thesis: <i>"Synthesis and characterization of magnetic nanoparticles for the removal of noble metals in water"</i>
Bachelor Applied Chemistry sep 08 – jul 11	Nova School of Science and Technology

OTHER PROJECTS

COST Short Term Scientific Mission feb 19 – mar 19	Queen Mary University of London Synthesis and characterization of carbon dots as growth platforms for morphological well-defined particles.
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SKILLS

Hard Skills

R&D projects
Nanotechnology-based research
Synthesis of chemical compounds
Characterization of materials
Reporting
Market research
Analytical tools
MS office proficiency

Soft Skills

Critical thinking
Empathy
Communication
Teamwork
Fast learner
Time management
Self motivation
Positive attitude

VOLUTEER WORK



jun – jul 23

Long-term international volunteering project at Mindelo (Cape Verde).



apr 19 – today

Youth association based in Aveiro. Our motto is "make it happen".



jan 18 – dec 18

Weekly volunteering at Pediatrics services.