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 CeNTI - Centre for Nanotechnology and Smart Materials

mar 22 – mar 23 Functional Materials department, namely in the synthesis of green and sustainable

silica-based materials with different functionalities.

Researcher Fellow CICECO - University of Aveiro

oct 15 – mar 17 Synthesis of metal sulfides and graphene-based composites for photocatalytic

degradation of water pollutants.

Researcher Fellow CICECO - University of Aveiro

apr 15 – aug 15 Synthesis of magnetic nanomaterials for uptake of metal ions from water.

Scientific Nova School of Science and Technology

Initiation Researcher Direct electrochemistry of a molybdenum enzyme.

oct 09 - sep 10

EDUCATION

PhD Chemistry University of Aveiro

apr 17 – feb 22 Thesis: "Carbon nanostructures for the photodegradation of pollutants in water"

Master Chemistry University of Aveiro

sep 12 – dec 14 Thesis: "Synthesis and characterization of magnetic nanoparticles for the removal of

noble metals in water"

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.

SKILLS VOLUTEER WORK

Hard Skills

R&D projects

Nanotechnology-based research

Soft Skills

Critical thinking

Empathy

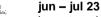
Synthesis of chemical compounds Communication

Characterization of materials Teamwork
Reporting Fast learner

Market research Time management
Analytical tools Self motivation

MS office proficiency Positive attitude





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.