

Cheikh Reda Bernaoui

Profile

Ph.D. / Researcher in material chemistry and physics

Solar Energy & nanoparticles for catalysis.

Experience and research interest

- Technician specialized in refining and petrochemical as well analyzes of petrochemical products.
- Synthesis and Characterization of Magnetic nanoparticles for catalysis, organic-inorganic hybrid Nanoparticles for solar energy.

Education

- Ph.D. degree at the University of Oran Algeria
Department of Physics Chemistry, under the
subject: Synthesis of magnetic nanoparticles for
catalysis.
- Erasmus participant as PhD student at the University of
Cádiz Spain, Department of Physics Chemistry under
the subject of optimization of the solar cells for
photovoltaic. (February 2022)
- Master degree in Environment and Ecosystem
Pollution. (June 2017)
- Diploma of Technician Superior at Algerian Petroleum Institute
Specialty: Refining and Petrochemicals. (June 2015)

Skills

- Great knowledge in environment issue: Soil polluted water treatment also photovoltaic and solar energy.
- Good command in characterization technique: UV/Vis, XRD, SEM, EDS, XPS, VSM and solar simulator.
- Strong communication skills, work on exciting variety of projects with a collaborative team approach
- Talented, motivated, and technically driven individuals ability to collaborate with other member of groups
- Participation in project, meeting and coordination with internal and external partners

Languages

Arabic, English,
French and
Spanish.