



Pr. A. AMGOUNE

Team Synthèse et Catalyse Organique, Organométallique et Rédox (SCORE)

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Postdoc position in the field of organometallic catalysis

Position details: Post-doctoral position for up to 24 months in the team SCORE (ICBMS, University of Lyon 1).

Funding: French National Research agency (ANR)

Open to applicants from all nationalities.

Starting date: from March 2023.

Keywords: organometallic chemistry, nickel catalysis, mechanistic studies, cross-coupling reactions, redox processes.

We are currently looking to fill one postdoctoral position in the field of organometallic nickel chemistry for applications in cross-coupling reactions. The project is in the framework of our research interest in the development of catalytic Ni/photoredox and/or Ni/electrochemical approaches for the activation of robust bonds. The post-doctoral associate work will focus on the synthesis of well-defined nickel complexes and will carry out mechanistic studies on their reactivity at the stoichiometric and catalytic level. This project will be carried out using a multi-disciplinary approach involving reaction development, catalyst design, organometallic synthesis and mechanistic studies.

Candidate: The applicant should have a PhD in organic chemistry/molecular chemistry and be able to demonstrate a strong interest in organometallic chemistry and mechanistic studies. An experience in the handling/catalysis of sensitive compounds under inert atmosphere will be strongly appreciated. Enthusiasm, autonomy, scientific curiosity and ability to communicate are required qualities.

Interested applicants should send a CV to abderrahmane.amgoune@univ-lyon1.fr.