

Post-doc position in organic chemistry

Development of a transition metal-catalyzed cycloaddition reaction for a straightforward approach to indenone/fluorenone cores

A post-doctoral position in organometallic-mediated organic synthesis is opened for 18 months, starting from May 2018, at the “*Institut des Sciences Moléculaires de Marseille (iSm2)*” of Aix Marseille University in the framework of TASC consortium funded by A*MIDEX (<https://amidex.univ-amu.fr/>). TASC (Triplet-generating Acceptor SemiConductors for organic photovoltaics) objectives are to design and synthesize photoactive organic molecules and to use them as active components in organic solar cells. TASC consortium includes two academic partners: STeRéO team of iSm2 and IMMF team of CINaM (Centre Interdisciplinaire de Nanoscience de Marseille).

Project: The research project aims at developing general and straightforward approaches to indenone/fluorenone cores based on the use of transition metal-catalyzed cycloaddition reaction. The candidate will investigate the influence of catalytic systems and/or substrate modulations for optimization of the present methodology, definition of the scope and mechanistic understanding.

Postdoc profile: We are looking for an applicant with a strong background in modern organic chemistry, including **organometallic chemistry, catalysis and organic synthesis**, and a strong motivation to interact with TASC partners.

Gross salary: 2324 €/month.

Candidates should send (closing date March 15th 2018)

- Curriculum vitae including a list of publications and communications and the description of research experiences in organometallic chemistry, catalysis and organic synthesis
- A cover letter describing motivation and research accomplishments,
- two letters of recommendation to be sent directly to the email below.
- Contact of at least two or three referees

To be considered, applications have to be sent to the two following addresses:

laurent.commeiras@univ-amu.fr

frederic.fages@univ-amu.fr

For additional information on the project and the working environment, feel free to contact us and for details about our groups, see the following website:

http://ism2.univ-amu.fr/equipes/Stereo_1.htm#Stereo_1.htm.

<http://www.cinam.univ-mrs.fr/cinam/spip.php?rubrique7>