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CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Rémi Blieck
Supervisor page	https://ipcm.fr/recherche/equipe-rocs/composition-de-lequipe/remi-blieck/
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Paris Institute of Molecular Chemistry https://ipcm.fr/en/en-the-institute/
Research Team	Reactivity, organometallics and catalysis for synthesis https://ipcm.fr/en/en-research/en-presentation-rocs-group/

Project Title

Synthetic Applications of BoroGermanes Derivatives

Project Description

Interelement bonds are of high interest for synthesis and currently Si-Sn, Si-B and Sn-B bonds have been explored mainly for the functionalization of unsaturated functions. On the other hand, interest in organogermanes is growing, particularly as synthetic intermediate. In this context, the activation Ge-B bond is a promising way to transfer boryl and germyl groups. We will thus explore the reactivity of original Ge-B reagents, in particular in asymmetric transformations.

Keywords

organogermanes, organometallic chemistry, boron chemistry

Description of the Host Research Lab

The IPCM (Institut Parisien de Chimie Moléculaire/Parisian Institute for Molecular Chemistry) is a joint research unit between Sorbonne Université and CNRS (Centre National de la Recherche Scientifique). The expertise in molecular chemistry in the broadest sense, the great diversity of the teams and the laboratory's high-performance technical platforms lead to research ranging from the structuring of matter on a molecular scale to materials, involving know-how in inorganic and organic chemistry, polymer science, nanoscience, and even the interfaces with biology. The scientific results of the IPCM, in relation to the major societal challenges, have an impact on fields ranging from health, the environment and new energies to information technologies.

**To submit your application, please send an email with the required documents to
msca-pf@sorbonne-universite.fr**