



PhD Position, Organic Chemistry

The position will be available at the **ICSN** (Institut de Chimie des Substances Naturelles), Gif-sur-Yvette, France. Expected start: **October, 1st 2016**.

Job description:

Our team (Phosphorus Chemistry and Catalysis) works at the development of new chiral catalysts and synthetic methods based on innovative and efficient catalytic processes. The PhD position (36 months) will be financed by the **ANR** (national research funding agency), within the “**HelPhos**” project (*Phospha-helicenes: Development of a new class of chiral phosphorus compounds*). The research project relates to the synthesis of new phosphorus-containing helicenes, with applications in organo- and organometallic catalysis. On the other side, synthetic variants will be envisioned for the optimization of the chiroptical and photophysical properties of phosphahelicenes, oriented toward the development of optoelectronic devices.

For more information about the group, scientific projects and links to publications, see the group website: <http://www.icsn.cnrs-gif.fr/spip.php?article1127>

Candidate Profile: The ideal candidate for this position is a M2 student in organic chemistry with experiences in synthetic organic chemistry, asymmetric synthesis and/or catalysis. Knowledges in the field of organic materials will be appreciated. The application should contain the application letter, a CV and a summary of research experiences.

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