



CHRISTOPHE LESCOP

From France to Sweden



Project: **Solid state visible light emissive materials**

Research topic: **Chemistry**

Swedish Institution: **Uppsala University**

French Institution: **Rennes Institute of Chemical Sciences**

Dates of mobility: **10/10/2016 to 17/10/2016**

Program: **SFVE-A (ex-TOR)**



PRESENTATION

[Christophe Lescop](#) is a Researcher at the French National Institute of Scientific Research ([CNRS](#)), the Institute of Chemistry of Rennes ([ISCR](#)) and the National Institute of Applied Sciences ([INSA](#)). He obtained his PhD in Chemistry from the [University Grenoble Alpes](#) in 2000 and was habilitated at the [University of Rennes I](#) in 2009. He is interested in Coordination- and Supramolecular Chemistry, solid state characterizations (X-ray diffraction studies), and emissive materials.

ACTIVITIES IN SWEDEN

Christophe Lescop met researchers at the [Ångström Laboratory](#) under the [Department of Chemistry](#) at [Uppsala University](#). He met a range of researchers of synthetic molecular chemistry, among others [Prof. Eszter Borbas](#), [Prof. Sascha Ott](#), [Assc. Prof. Andreas Orthaber](#), [Assc. Prof. Anders Thapper](#) and [Assc. Prof. Henrik Ottoson](#). He attended three seminars: first, [Dr. Arvind Gupta](#) presented his work on the synthesis of new ion clusters. Second, PhD student [Michele Bedin](#) talked about synthesis of heterobimetallic ion complexes. Third, PhD student Ke An focused on the evaluation of aromatic stabilization of the triplet state using the isomerization energy stabilization method.

Christophe Lescop held his own seminar entitled "Highly Emissive Cu(I) Polymetallic Supramolecular Assemblies". It allowed for ensuing discussions and collaborations were envisaged in particular with Prof. Orthaber. He also met [Prof. Haining Tian](#), who was developing new molecular-scale devices for solar energy conversion, and [Prof. Leif Hammarström](#), who specializes in time-resolved spectroscopy measurements for artificial photosynthesis and other photo-induced electron transfer processes. Hammarström and Lescop discussed preliminary measurements with Prof. [Leif Hammarström's group](#) to use time-resolved spectroscopy techniques to examine the electronic structure of the excited states encountered in some of the luminescent derivatives Lescop synthesizes and study in Rennes.