



OLIVIER SIRI

From France to Sweden



Project: **Emerging azacalixpyrins**

Research topic: **Chemistry**

Swedish Institution: **Umeå Uni / Uppsala Uni / Lund Uni / Stockholm Uni**

French Institution: **University Aix-Marseille**

Dates of mobility: **11/01/2015 to 15/01/2015**

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



PRESENTATION

[Olivier Siri](#) is Research Director and Head of Department at Interdisciplinary Centre of Nanoscience of Marseille ([CINaM](#)) and the [Aix-Marseille University](#). He obtained his PhD in Molecular Chemistry in 1997 and was habilitated in 2004 at the [University of Strasbourg](#). He is interested in organic and coordination chemistry of tetraazamacrocycles (cyclams, porphyrins, phthalocyanines, azacalixarenes, azacalixpyrines), quinones and azapentacenes; photonic and electronic properties of organic materials; solar cell conversion; and concepts rationalizing structure-reactivity relationships.

ACTIVITIES IN SWEDEN

Siri started his mobility to Sweden by visiting the [Department of Chemistry](#) of [Umeå University](#) and [Prof. Bertil Eliasson](#), whose team was developing new chromophores for solar applications. He held a seminar entitled “2,5-diamino-1,4-benzoquinonediimine: teaching an old dog new tricks”, followed by discussions with among others [Prof. Erik Chorell](#), to whom it was decided Siri would send compounds for analysis in the laboratory, potentially sparking a future collaboration.

He also travelled to [Uppsala University](#) and the [Laboratory Ångström](#), meeting with [Prof. Henrik Ottosson](#) and [Prof. Sacha Ott](#) from the [Department of Organic Chemistry](#). He held a seminar entitled “Emerging NIR dyes in quinoid chemistry”. The discussions with Prof. Ottosson were particularly fruitful thanks to the complementarity of their research and they envisaged a future collaboration.

He then visited the [Department of Chemistry](#) of the [University of Lund](#) and [Prof. Kenneth Wärnmark](#) and Assc. Senior Lecturer [Daniel Strand](#). Siri presented his work on tuneable pi-conjugation in quinoid chemistry.

Finally, he visited [Stockholm University](#) and [Prof. Jan Bäckvall](#) and [Prof. Belén Martín-Matute](#) from the Department of Organic Chemistry. He held a conference entitled “Quinoneimine at the crossroads of macrocyclic and coordination chemistry”, with enriching discussions ensuing.