

Nicolas Giraud

Birth date : February 3rd, 1977 in Limoges, France (39 years)

Citizenship: French

CURRICULUM VITAE

1998-2002 Student at Ecole Normale Supérieure de Lyon

- Bachelor's Degree (speciality: physical chemistry)
One semester at the Technische Universität München (Germany - student exchange program Erasmus)
- Agregation in chemistry (*french highest teaching qualification exam - ranked 41st*)
- Master Degree in molecular and structural physical chemistry, Université Joseph Fourier, Grenoble.

2002-2005 Ph.D. student in Biological NMR, Université de Lyon (government fellowship).

Teaching assistant in physical chemistry, ENSL.

2005-2006 Agrégé Préparateur at Ecole Normale Supérieure de Lyon, France

- Research in the NMR group directed by Prof. Lyndon Emsley
- Teachings in physical chemistry – preparation of graduate students for the Agregation in chemistry

CURRENT POSITION

Since 2006 Associate Professor - Université Paris Saclay

Institut de Chimie Moléculaire et des Matériaux d'Orsay
NMR in Oriented Media Group

AWARDS

- President of the executive board of the French Group for the Study of Magnetic Resonance (GERM - <http://germ.asso.fr>)
- Young Investigator Award from the French Research Funding Agency ANR (ANR Jeune Chercheur - 2011-2016)
- Scientific partner in the project Ln^{23} funded by the ANR (ANR Blanche - 2013)
- Award for the best oral presentation by a young scientist, XXth GERM Conference, Blankenberge, Belgium (2006)
- Young Researcher Grant, Joint EUROMAR 2010 and 17th ISMAR Conference, Florence, Italy (2010)

5 MOST SIGNIFICANT PUBLICATIONS IN THE LAST 5 YEARS

1. *Achieving High Resolution And Optimizing Sensitivity In Spatially Frequency Encoding NMR Spectroscopy: From Theory To Practice*
Plainchont, B., Pitoux, D., Hamdoun, G., Ouvrard, J.M., Merlet, D., Farjon, J., & Giraud, N.*
Physical Chemistry Chemical Physics, **18**: 22827 - 22839 (2016)
2. *Pushing The Limits Of Signal Resolution To Make Coupling Measurements Easier*
Herbert Pucheta J.E., Pitoux, D., Grison, C.M., Robin, S., Merlet, D., Aitken, D.J., Giraud, N. & Farjon, J.*
Chemical Communication, **51**: 7939-7942 (2015)
3. *Fully Resolved NMR Correlation Spectroscopy*
Pitoux, D., Plainchont, B., Merlet, D., Hu, Z., Bonnaffé, D. Farjon, J., & Giraud, N.*
Chemistry –A European Journal, **21**: 9044-9047 (2015)
4. *Exploration of Supramolecular Interactions Involving Tris-Dipicolinate Lanthanide Complexes in Protein Crystals By a Combined Biostructural, Theoretical and NMR Study*
Dumont, E., Pompidor, G., D'Aléo, A., Vicat, J., Toupet, L., Maury, O. & Giraud, N.*
Physical Chemistry Chemical Physics, **15** (41), 18235-18242 (2013)
5. *Combining J-edited and Correlation Spectroscopies Within a Multi-Dimensional Spatial Frequency Encoding: Toward Fully Resolved 1H NMR Spectra*
Giraud, N., Pitoux, D., Ouvrard, J.M. & Merlet, D.
Chemistry –A European Journal, **19**: 12221-12224 (2013)

LINKS

- http://www.icmmo.u-psud.fr/Labos/LRMN/cv/ngiraud/nicolas.giraud_eng.php