



Dr. Grégory NOCTON

Researcher, associate professor

French, 40 years old, married, 2 children

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CURRENT POSITIONS

- 2011 - CNRS Researcher (DR2) – Institute of Chemistry**
- 2017 - Associate professor** at Ecole polytechnique (teaching 77 h /year)
Vice-President of the Chemistry department (2022-)
Co-chair of the Chemistry and interface program (M1/3rd year) (2018-)
- 2022 - President** of the Center for Rare Earth and Actinides Research
French scientific association for training, research, and outreach of the rare earths and the actinides
(www.felements.fr)

EDUCATION

- 2016 Habilitation**, University of Paris-Sud, France.
- 2009 Ph.D. in Inorganic Chemistry**, University of Grenoble, France.
- 2006 Master of Science (Inorganic Chemistry)**, University of Grenoble, France
- 2005 Maîtrise (Bachelor) of Chemistry**, University of Reims-Champagne, France.

PREVIOUS POSITION

- 2009-2011** Lawrence Berkeley National Laboratory / UC Berkeley
Postdoctoral position: Low-valent organometallics (Prof. Andersen)
- 2006-2009** CEA Grenoble (France)
Ph.D.: Redox chemistry of uranium (Prof. Mazzanti)
- 2005** Technische Universität München, Germany
Master Visiting student, DAAD fellowship, Paramagnetic metallocenes (Prof. Köhler)

RESEARCH ACTIVITY

Supervision: 12 Ph.D. students, 8 post-doc fellows, 22 master students (11 M2, 11 M1), and 13 undergraduate students

Scientific Production (64): 57 publications in international journals, 4 book chapters, 3 outreach articles

Scientific presentations (83): 64 oral presentations (34 international, 16 invited in conferences, 35 invited in workshops and seminars), 13 poster presentations (7 international), 6 outreach presentations

H-index: 27, 2023 citations, <https://orcid.org/0000-0003-0599-1176>

AWARDS AND HONORS

Coordination Chemistry Division Junior Award, French Chemical Society (2021), **Bronze Medal of CNRS (2016)**, **Best Talk Award** (French Chemical Society, Coordination Chemistry Division, Lyon, 2013), **Best Talk Award** (French Chemical Society, Coordination Chemistry Division, Reims, 2009), **Best Poster Award** from the Graduate School in chemistry (2008)

RESEARCH GRANTS

Euratom Grant, Parcoval, (Scientific partner (215 k€), **National research grant**, ANR Urameth (Team member, 250 k€), **Ecole polytechnique foundation** with O. Guaitella (co-PI, 274 k€), **Industrial contract** with Orano (PI, 125 k€), **Prématuration IPParis** with Grégory Danoun (Team member, 80 k€), **France-Berkeley Funds** with Stefan Minasian (Co-PI, 12 k\$), **Alliance Ph.D. project** with K. Pedersen, DTU, Denmark, **CHARMMMAT Post-doc Grant** with M. Mellah, Paris-Saclay (Co-PI), **ERC Consolidator Grant**, (PI, 2 M€), **Emerging International Action**, CNRS / University of Arizona (PI, 14 k€), **National research grant**, AID (Co-PI, 240 k€), **National research grant**, ANR RelaxMax (PI, 3 partners; 405 k€), **ERC Starting Grant**, LanAsCat, (PI, 1.5 M€), **National research grant**, ANR ReDivaLan, (PI, 3 partners; 450 k€), **National research grant**, ANR PSalenOx (200 k€)

OTHER CURRENT EXPERTISE AND RESPONSIBILITIES

Member of the sustainable development's working group - Ecole Polytechnique

Member of the organization committee of the International Chemistry Summer School on f-elements CS²fE (June 2024)

Regular reviewer for ANR, DOE, SNF, and DFG national grants, and peer-reviewed international journals (around 30/year)
External member of 19 PhD committees and 1 habilitation committee.

Collaborations: **USA:** Prof. La Pierre (GeorgiaTech), Gianetti (UoArizona), Abergel (UC Berkely), and Minasian (LBNL, USA). **Europe:** Prof. Hess (TUMunich), Roesky (KIT), Walter (TUBraunschweig), Pedersen (DTU). **France:** Prof. Cador, Le Guennic (Rennes), Maron (INSA Toulouse), Maury (ENS Lyon), Clavaguéra, Mellah (Paris-Saclay). **Group:** Danoun, Simler (LCM)