

CURRICULUM VITAE

NAME: PIGUET Claude
DATE OF BIRTH: April, 4th, 1961
NATIONALITY: Swiss (Geneva)
TITLE : Full Professor
POSITION : Chair of Inorganic Chemistry, University of Geneva
HOMEPAGE www.unige.ch/sciences/chiam/piguet/

EDUCATION

1980: **Secondary Swiss Certificate (Maturité Fédérale) with distinction**, scientific option
1980 - 1986: Faculty of Sciences, University of Geneva, Chemistry section
1986: **Master of Sciences in Chemistry with distinction**
1986 - 1989: **PhD in Inorganic and Coordination Chemistry** (supervisors: Profs. A.F. Williams and W. Haerdi), Department of Inorganic Chemistry, University of Geneva: **Structures et Reactivities of Meridionally Tricoordinated Copper Complexes with Dioxxygen and its Reduction Products**

POST-GRADUATE EDUCATION

1989 - 1991: Post-doctoral Fellow in Supramolecular Chemistry in the group of Prof. J.-M. Lehn (Nobel Prize recipient (1987), Université Louis Pasteur, Strasbourg): **Synthesis and Characterization of Polynuclear Double Helical Complexes with 4,4'-substituted Oligobipyridine Ligands**
1991 - 1995: Lecturer in Supramolecular Chemistry, Department of Inorganic Chemistry, University of Geneva: **Methodical Studies of Self-Assembled Supramolecular Complexes with d-block Metal Ions and Development of Lanthanide Probes and Sensors with Predetermined Structural, Photophysical and Magnetic Properties**
1995 -1996: Post-doctoral Fellow in Spectroscopy of 4f elements in the group of Prof J.-C.G. Bünzli (University of Lausanne): **Structural and Photophysical Studies of Strongly Luminescent Heteronuclear Lanthanide Building Blocks.**
1996 - 1998: Assistant Professor, recipient of the **Werner Grant 1995-1998** for the project 'Toward Organized Luminescent Materials'

CERTIFICATES AND POSITIONS :

1979: **Advanced Certificate in Computer Sciences**
1980: **Certificate in Astronomy**

- 1980: **Secondary Swiss Certificate** with distinction, scientific option
1985: **Master of Sciences in Chemistry** with distinction
1989: **PhD in Chemistry** with felicitations
1999: **Full Professor in Chemistry, Department of Inorganic and Applied Chemistry**
(University of Geneva)
2009: **Invited Professor in Chemistry** (Ecole Normale Supérieure, Paris, France)

AWARDS :

- 1980: **Gillet Award, Rotary-Club Award, Alfred Treuthard Award, Mark Birkigt Award, Givaudan Award** 1st rank at the Secondary Swiss Certificate, Geneva
1995: **Werner Medal** from the New Swiss Chemical Society
1996: **Scientia Europæa no1**, Rhône-Poulenc Fondation, Institut de France
2007 **Highly Cited Paper**: "Helicates as Versatile Supramolecular Complexes" (top 1% of the most-cited papers during the last 10 years for ACS publication).
2008 **Highly Cited Paper**: "Self-Assembly of Polymetallic Helicates: the Concepts Behind the Semantics", (top 25 most cited articles from Coord. Chem. Rev. as published 2005-2008).
2009 **Lecoq de Boisbaudran Award** of the European Rare Earth Society for a seminal contribution to supramolecular chemistry of lanthanides and more particularly to its rational understanding through thermodynamic models.
2013 **ACS Editors' Choice Paper 2013**: "Lanthanide Loading of Luminescent Multi-Tridentate Polymers Under Thermodynamic Control".

RESEARCH FIELD AND INTERESTS :

- Supramolecular chemistry of 4f elements.
- Development of tailored predetermined receptors for polymetallic complexes.
- Determination of 3D structures in solution by paramagnetic NMR.
- Preparation of metal-containing liquid crystals.
- Design of functional molecular, supramolecular and macroscopic materials.
- Molecular light upconversion.
- Thermodynamics of multiple interactions in supramolecular architectures and polymers

PUBLICATIONS : 174 peer-reviewed articles, reviews and book chapters

INVITED LECTURES : 144

POSTERS : 156

BIBLIOMETRY: (June, 1, 2014)

174 contributions in peer-reviewed chemical journals and edited books, among which 168 are considered by ISI Web of Knowledge. This leads to a *h*-index of 50 for a total number of 10267 citations (8462 without self-citation) and a citation per item of 61.11.