

**PETIT Christophe:**

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[https://www.researchgate.net/profile/Christophe\\_Petit3](https://www.researchgate.net/profile/Christophe_Petit3)

Date of birth: 18/08/1962

<https://scholar.google.fr/citations?user=jLbIrYcAAAAJ&hl=fr>



Christophe Petit is full professor at Sorbonne University and director of the laboratory MONARIS. Co-authored of 85 publications and 7 book chapters (h-index=34, 5200 Citations). His research is now mainly devoted in the development of new sustainable synthesis to control the shape, size and structure of (bi) metallic nanocrystals and their application in nano-electronic but also in catalysis. Besides the empirical process, the aim is to understand the nucleation and growth mechanism to establish rational synthesis of metallic and bi metallic NCs and to develop their applications.

- **EDUCATION**

- 2001            **Habilitation Diploma** University Pierre and Marie Curie, France  
                  ‘Reverse Micelles : an almost ideal nanoreactor’ (Supervisor : Prof . M.P. Pileni)  
1984            **PhD in Physical Chemistry**, with honours, University Pierre and Marie Curie,  
                  France, ‘Relationship between structure and reactivity in AOT reverse micelle’.

- **CURRENT POSITION**

**Department of Chemistry, Sorbonne University (former UPMC-Paris6)**

2019–            Full Professor Exceptional Class MONARIS Laboratory.

- **PREVIOUS POSITIONS**

- 2012– 2019    Full Professor 1<sup>st</sup> Class MONARIS Laboratory.  
2007 – 2012   Full Professor 2<sup>nd</sup> Class LM2N Laboratory  
1988 – 2007   Permanent Research Scientist (**CNRS**), Paris, France, LM2N UMR 7070

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

I had supervised 11 PhD students (7 as Co-Director) and 6 post-doc.

- **GRANTS AND THESIS IN COURSE:**

I supervise as co-director two thesis, with Andre-Jean Attias (laboratory B2-Fuel South Korea).

I am the PI of the **ANR NUMEN** « Nucleation, growth and reactivity of **ME**tallic and bimetallic **Nanocrystals**”: (collaboration with Marc petit, IPCM,SU) (2018-2022).

- **INSTITUTIONAL RESPONSIBILITIES**

- 2014 –            **Director of the MONARIS laboratory** (UMR Sorbonne University-CNRS)  
2009-2013      **Director of the LM2N laboratory** (UMR UPMC-CNRS)  
2007-2009      **Deputy Director of the LM2N laboratory** (Director M.-P. Pileni).  
2020-            **Deputy Director of ISIM (Initiative for Molecular Science and Engineering, SU)**  
2017–2022      **Deputy Director of the laboratory of Excellence MiChem**

- **COMMISSIONS OF TRUST**

**Member of 37 Thesis committees** (13 as referee, 4 as examiner, 20 as president)  
**Member of 5 Habilitation Diploma committees** (3 as president, 1 as referee, 1 as examiner)  
2017-2020 – **Review Board Member** for French National Agency for Research (Nanomaterials and nanotechnologies for the products of the future)  
**Reviewer for grants** (National and Regional grants, French National Agency for Research) 5/year