

## Short biography



[Rodolphe Clérac](#), born in 1971 in Versailles (France), received his education in Physical-Chemistry at the University of Bordeaux 1, France. His Ph.D. work was devoted to the physical properties of molecular antiferromagnetic materials under the supervision of Prof. C. Coulon (in 1997). After short post-doctoral stay in the group of Prof. O. Kahn (ICMCB, Bordeaux), he joined in 1998 Prof. K. R. Dunbar's group at Michigan State University (East Lansing, Michigan, USA) and worked on the magnetic properties of coordination chemistry based materials. In 1999, he moved with Prof. K. R. Dunbar's group to Texas A&M University (College Station, Texas, USA) where he collaborated with Prof. F.A.

Cotton on the magnetic properties of metal-metal bonded complexes. He joined the University of Bordeaux 1 in 2000, as associate professor, then in 2008 became full CNRS researcher and in 2013 was promoted CNRS research director. He was elected in 2019 at the European Academy of Sciences and in 2020 at the Academia Europaea, became in 2014 a distinguished fellow of the French Chemical Society and received various awards including the CNRS Silver Medal in 2021, the France-Berkeley Fund Award in 2017, the National Chinese Award of the "1000 Talents Program" in 2014 and the Young Researcher award of the Physical Chemistry Division of the French Chemical Society in 2009. Since 2000, Dr. R. Clérac has developed at the Centre de Recherche Paul Pascal (CRPP-CNRS) a research group on "molecular materials & magnetism" interested in the synthesis and physical studies of molecular materials (that is currently composed of 1 professor, 1 assistant professor, 4 CNRS researchers, 1 assistant engineer, 1 technician, 2 post-docs & 10 PhD students). The main subjects currently developed in his group deal with (i) macroconjugated polyaromatic molecules, (ii) molecule-based magnets, (iii) switchable paramagnetic complexes, and (iv) magnetic and/or electro-active solutions and liquid-crystals. In his research fields, he has published ca. 515 articles with ca. 23765 citations and has an h factor of 82. During his career, Dr. R. Clérac has trained 33 postdocs, 29 PhD students, 24 Master students, 49 visiting PhD students (for short training period) and 24 undergraduate students. Importantly Dr. R. Clérac has also developed a scientific network of active collaborations across the globe with currently 80 research teams in 28 different countries.