



# Philippe Turek

## Curriculum Vitae

Aged 61 / French

### Education & Employment

From Jan. 2017: Deputy Vice-President for International Relations of the University of Strasbourg, coordination of research and education abroad

From Feb. 2016: Co-president of the scientific committee of the French-Azerbaijani University in Baku

From Jan. 2015: Scientific director of the cryogenic service of the University of Strasbourg

From Jan. 2011 to Jan. 2017: Vice-dean of the Faculty of Physics and Engineering of the University of Strasbourg, International Relations

From Jan. 2001: Head of the POMAM lab. "Magnetic and Optical Properties of Molecular Architectures", Institute of Chemistry (UMR 7177, CNRS-Unistra, Strasbourg, France).

From Nov. 1999: Full professor at the University of Strasbourg, Faculty of Physics & Engineering, and present rank: exceptional class

From April 1990 to March 1991: Visiting scientist at the Institute for Solid State Physics of Tokyo, University of Tokyo (Japan), JSPS fellow

Oct. 1989: Doctor in Sciences, University Louis Pasteur, Strasbourg, France

### Professional Interests

- Basic and applied interdisciplinary research related to magnetic properties of condensed matter with special interest in molecular materials and more recently in biological systems.
- International relations in research and higher education

### Main Professional Skills

- Electron Paramagnetic Resonance spectroscopy
- Magnetic measurements and cryogenics
- Formulation and guidance of university diploma, French and international (coordinator of masters in materials science in Strasbourg and abroad, bachelors in sciences in Baku, AZ)
- Professionalization of higher education; capacity building of faculty staff

### Grants and Awards

2000 JSPS fellow as invited professor, RIKEN (Japan)

1990 JSPS fellow, post-doc at Institute for Solid State Physics (University of Tokyo, Japan)

2016 bestowed « Chevalier dans l'ordre des palmes académiques »

▪ Bibliometric data: 108 papers, H-index=30 (Google Scholar, July 2018)

### Selected recent publications

- M. Twardoch, Y. Messai, B. Vileno, Y. Hoarau, D. E. Mekki, O. Felix, P. Turek, J. Weiss, G. Decher, D. Martel  
*Development of an electron paramagnetic resonance methodology for studying the photo-generation of reactive species in semiconductor nanoparticle assembled films.*

Molecular Physics, **116**(2018), p. 1558-1564, DOI: 10.1080/00268976.2018.1433882

- L. Mathivathanan, A.K. Boudalis, P. Turek, M. Pissas, Y. Sanakis, R. Raptis

*Interactions between H-bonded [Cu<sup>II</sup><sub>3</sub>(μ<sub>3</sub>-OH)] triangles; a combined magnetic susceptibility and EPR study*

Physical Chemistry Chemical Physics, **20**(2018), p. 17234-17244, DOI: 4410.10.1039/C8CP02643B

- Y. Messai, B. Vileno, D. Martel,

*Milling effect on the photo-activated properties of TiO<sub>2</sub>nanoparticles: electronic and structural investigations*

Bulletin of Materials Science, **41**(2018), p. 41-57, DOI: 10.1007/s12034-018-1572-8

- K. Boudalis, G. Rogez, B. Heinrich, R. G. Raptis, P. Turek

*Towards ionic liquids with tailored magnetic properties: bmim<sup>+</sup> salts of ferro-and antiferromagnetic (Cu<sup>II</sup>)<sub>3</sub> triangles.*

Dalton Transactions, **46**(2017), p. 12263-12273, DOI: 10.1039/C7DT02472J

- E. Di Piazza, C. Boilleau, A. Vacher, K. Merahi, L. Norel, K. Costuas, T. Roisnel, S. Choua, P. Turek, S. Rigaut

*Ruthenium Carbon-Rich Group as a Redox-Switchable Metal Coupling Unit in Linear Trinuclear Complexes*

Inorganic Chemistry, **56**(2017), p. 14540-14555, DOI: 10.1021/acs.inorgchem.7b02288

**POMAM Lab** (Propriétés Optiques & Magnétiques des Architectures Moléculaires / <http://www-chimie.u-strasbg.fr/~pomam/>).

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