

***Prof. Raphaël LEVY***

**Université Sorbonne Paris Nord**

**IMCN SEMINAR**

***"Interactive seminar on practical  
dilemme in the life of a  
scientist trying to do  
the right thing"***

**Thursday 4 November 2021 – 01:00 pm**

**Auditorium LAVO51 (Lavoisier)**

**Place Louis Pasteur, 1, 1348 Louvain-La-Neuve**

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### **ABSTRACT**

The workshop will be in two sections. In the first half, we will discuss various dilemma that scientists, and in particular young scientists, encounter in their professional experience. This will be highly interactive and based on the experience of the participants (reading, writing, evaluating articles; attempting to reproduce published work; etc). In the second half, I will describe my own experience of engaging in controversies in bionanoscience, the barriers to correction of the scientific record, and then we will debate practical solutions that may improve our practices individually and as a scientific community.

### **BIOGRAPHY**

Raphaël Lévy obtained his PhD in Physics at the Université de Strasbourg in 2002. He then spent 19 years in Liverpool, first as a post-doctoral researcher, then as a BBSRC David Philips Fellow (2006-2011), lecturer (2011-2013) and senior lecturer (2013-2020). Since 2020, he is a Professor of Physics at the University Paris Sorbonne Nord. His research interests focus on nanoparticles, their structure, and applications, in particular for biological imaging. His involvement in several scientific controversies in bionanoscience (e.g. Stripy Nanoparticles, Spherical Nucleic Acids) led him to question the mechanisms of science correction and to experiment with new modes of publishing and discussing science online. In 2020, with colleagues from the science and humanities, he was awarded an ERC Synergy project (NanoBubbles : how, when and why science fails to correct itself; <https://nanobubbles.hypotheses.org/>) that started in June 2021.



<https://www.univ-paris13.fr/raphael-levy-pilote-nanobubbles/>