

## **Dominique Vuillaume**

- Born: November 12, 1956, at Le Raincy, France

### **Employment status**

- **Research director at CNRS**
- Business address: Institut d'Electronique, de Micro-électronique et de Nanotechnologie (IEMN), CNRS, CS60069, avenue Poincaré, 59652 Villeneuve d'Ascq cedex, France.
- Tel : +33/3 20 19 78 66.

### **Education**

- January 1992: **Habilitation Diploma** in Physics, USTL (Université des Sciences et Technologie de Lille).
- October 1984: **PhD thesis** in Material Sciences, USTL. (Université des Sciences et Technologie de Lille).
- June 1981: **Engineer Diploma** in electronics (Institut Supérieur d'Electronique du Nord), and **Master (DEA) thesis** in Material Sciences, USTL (Université des Sciences et Technologie de Lille).

### **Professional experiences**

- Oct. 1982 - oct. 1984 : **PhD thesis** work : "Electrical spectroscopic methods to characterize defects at the Si/SiO<sub>2</sub> interface", Laboratoire d'Etude des Surfaces et Interfaces, CNRS, Lille, France.
- Oct. 1984 - March 1988 : **Associate Professor** at the "Institut Supérieur d'Electronique du Nord" (engineering school), Lille, France.
- March 1988 – Oct 1996 : **Research Scientist at CNRS** (CR1 level). Laboratoire d'Etude des Surfaces et Interfaces (CNRS). **In charge of the research topic: « Physics of insulators on semiconductors»**
- Oct. 1988 - Dec. 1990 : **Scientific advisor at the "Direction des Technologies Avancées" of BULL** (Centre de R&D, les Clayes sous Bois) on the topic « Submicrometer MOSFET reliability »
- January 1992 : Moved to the Institut d'Electronique, de Microélectronique et de Nanotechnologie (IEMN, CNRS). **In charge of the research topic : « Molecular organized systems, molecular-scale electronics ».**
- Since October 1996 : **Research Director at CNRS** (DR2 level 1996, DR1 level 2008, DRCE level 2019).
- 1997 : **Visiting professor**, Laboratory of Molecular Electronics (Prof. R.M. Metzger), Dept. of Chemistry, Univ. of Alabama, Tuscaloosa, USA.
- 2000-2019 : Creation and head of the "**Nanostructures, nanoComponents & Molecules**" group at IEMN.
- 2001-2016 : **Scientific watch**, OMNT (Observatory for Micro- and Nano-Technology, CEA & CNRS), in charge of the molecular electronic sector.
- 2006-2013 : **Scientific advisor for the ChimTronique** (Chemistry for nanoelectronics) program at CEA.
- 2014-2019 : Head of Dept. "**Physics of Materials and Nanostructures**" at IEMN.

### **Award**

- 1999 "André Blondel" medal. Great prize of the "Société des Electriciens et Electroniciens".