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He received his Engineering degree from the **Ecole Nationale Supérieure de Chimie et Physique de Bordeaux**, France, in 1986. He received his PhD degree from University of Bordeaux-I in 1990 in physics of Ferroelectric Liquid Crystal at the **Centre de Recherche Paul Pascal**. He then joined the Optics Department of TELECOM Bretagne in 1991 where he is in charge of electro-optical materials technology and in particular of liquid crystal technology. He also has worked on various aspects of polarization in lightwave systems, in particular on Polarization Mode Dispersion in optical fibers and more generally in photonics technologies. He involved in projects in collaboration with industrial partners: Orange, TieTronix, spectrawave, Nexter Systems (KNDS), Valeo, Evosens, ESSILOR, etc. He also participated in 9 French national projects. He supervised 21 PhD students and he has authored or coauthored more than 140 journal and conferences publications principally in liquid crystal technology field. He is also the holder of 17 patents.

Publications:

- “Design and Integration in Electro-Optic Devices of Highly Efficient and Robust Red-NIR Phosphorescent Nematic Hybrid Liquid Crystals Containing nanoclusters”, PREVOT M. et al. *Advanced Functional Materials*, vol. 25, n° 31, pp. 4966-4975 (2015)
- Polyaniline nanocomposites based sensor array for breath ammonia analysis. Portable e-nose approach to non-invasive diagnosis of chronic kidney disease P Le Maout, JL Wojkiewicz, N Redon, C Lahuec, F Seguin, L Dupont *Sensors and Actuators B: Chemical* 274, 616-626 (2018)
- “Polarization splitter made of a polymer waveguide coupler with localized anisotropic segments” CASTANY Olivier, ABBAS Samir, HARDY Isabelle, GADONNA Michel, DUPONT Laurent, . *IEEE photonics technology letters*, , vol. 25, n° 5, pp. 468-471 (2013)

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