



Pascale Roy, Directrice de Recherche CNRS

*Ligne de Spectroscopie Infrarouge et THz AILES,
Synchrotron SOLEIL, 91192 Gif-sur-Yvette France*

Ph.D. 1986 U. Laval, Canada; postdoctoral research associate Brookhaven Nat. Lab, USA 86-89; Chargé de recherche CNRS 89-2002, LURE, Orsay, France; Directrice de Recherche CNRS 2002-2003, LURE, Orsay France... ; Present : Responsable for the THz and IR beamline AILES, Synchrotron SOLEIL, France

Research interests:

Implementation of synchrotron radiation based THz beamline, Development of associated Research themes: High Resolution Rovibrational studies of isolated molecules, Physical properties of confined material, Optical properties of thin films, Soft Vibrational modes of Proteins, Edge Radiation and coherent sources, new spectroscopic methods...

Selected Articles:

P. Roy, M. Rouzières, Z. Qi and O. Chubar, "The AILES Infrared Beamline on the Third Generation Synchrotron Radiation Facility SOLEIL" *Infrared Physics & Technology* 49 (2006) 139–146.

Y.-L. Mathis, P. Roy, B. Tremblay, A. Nucara, S. Lupi, P. Calvani, and A. Gerschel, "Magnetic field discontinuity as a new brighter source of infrared synchrotron radiation" *Phys. Rev. Lett.* (1998), 80(3).