



Dr. Paul Dumas

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of Research , at the CNRS (Centre National Recherche Scientifique) in France, and presently works at the French Synchrotron Facility SOLEIL (France). He has a physics background, and works for several years on surface science vibrational spectroscopy. He was post doc at the University of Berkeley (California) with Prof. P.A. Richards. Then, he worked on ideally hydrogen terminated Si(111) surfaces, in close collaboration with Dr. Y.J. Chabal, from ATT Bells Labs.

In the 90's, he collaborated closely with G.P. Williams , at the National Synchrotron Light Source, at Brookhaven, to study the far infrared surface modes, and the vibrational dynamics at metallic surfaces, using the synchrotron source. Dr. Dumas initiated also several studies in infrared microscopy using the synchrotron source. He promoted this analytical technique in France, at LURE, where he was responsible for the design and construction of an infrared microscope beamline , named MIRAGE, at the French National synchrotron Center, until its closing in December 2003. Since then he joined SOLEIL synchrotron facility, as a beamline manager of an Infrared micro-spectroscopy beamline, and he is in charge of the related-scientific activity and animation. His research program, apart for surface science, includes studies of individual cells in Biology, geological inclusions, astrophysics, soft matter and archeology. He has been also consultant in several IR beamlines, including ESRF, Australian Synchrotron, Thailand Synchrotron , ALBA-Spain, SESAME-Jordan.