

Pierre E. LEVITZ



Dr Pierre E. Levitz is senior scientist at CNRS (DR1 at Centre National de la Recherche Scientifique). His scientific interests are focused on the physics and the chemical physics of confinement in disordered interfacial media including the following topics:

- Morphology, topology and 3D imagery of porous materials (catalysts, membranes, soil, rocks, bones and biological tissues)
- Transport and dynamics of confined fluids and colloidal complex fluids.
- Phase transitions in confinement.

He is the author or the co-author of more than 130 publications, 35 proceedings and/or book chapters. His H index was 36 in October 2011 with about 4150 citations. He has lead 17 PhD theses. He has (co) organized 13 national or international congresses, two Ecoles des Houches and 1 Ecole de Cargèse.

Born in October 1954 at Paris, P. E. Levitz is a civil engineer in material sciences. He received a first PhD in Material Sciences (Thèse de Docteur-Ingenieur) in 1979 from the University Pierre et Marie Curie of Paris. This work was related to the local structure of mineral glasses. After a two years post-doctoral position at the French Institut of Petroleum, he joined the CNRS as a junior scientist and moved to the CNRS in Orléans. He obtained a second PhD (Thèse d'Etat) in 1985 on the structure and the thermodynamics of surfactants adsorption layers at the solid-liquid interface, under the supervision of Pr Fripiat. In 1985, he went to USA for a Post-doctoral position at Exxon, Annandale N.J. where he got an invited scientist position from 1987 to 1991 (four months a year). In 1993, he became a CNRS senior scientist at the Centre de Recherche sur la Matière Divisée in Orléans, France where he headed the Complex Fluids and Porous Systems Group from 1994 to 2000. In 2001, he moved to the Condensed Matter physics Department of Ecole Polytechnique located at Palaiseau, France. Mid 2011, he became the head of PECSA laboratory at UPMC (University Pierre et Marie Curie-Paris).

He is actually a nominated member of the French national council of research and of the SOLEIL Synchrotron scientific advisory committee (SAC). He is co director of a GDR (international group of research) on multiscale materials under nanoscope, gathering more that 20 laboratories around the world.

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