

**Position:** Professor



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FRANCE

Laurent ARNAUD received his Diploma of Civil Engineer from the "Ecole Nationale des TPE" in 1989 (FRANCE). He is Doctor of Engineering in Mechanics (1993) from the Ecole Centrale Paris. He received the first award of the French Group of rheology in 1993. In 2003, he obtains his Habilitation at the Joseph Fourier University (Grenoble FRANCE).

He is Professor at the "Ecole Nationale des TPE", in the Department of Civil Engineering and Buildings (DGCB), which is a Research Unit associated to the French National Center of Scientific Researches (FRE CNRS 3237). He teaches in the fields of continuum mechanics, soil mechanics and rheology of geomaterials.

The research themes he participates deal with the study of the mechanical behaviour of heterogeneous materials, including experimental (Non destructive testing using wave propagation with a wide range of frequencies) and modelling aspects based on homogenization methods. He is working in the fields of setting of heterogeneous materials (hydraulic concretes, lightweight concrete and asphalt concrete) and of the mechanical, thermal and acoustical characterisations of building materials.

He is nowadays involved in three main research programs supported by national French agency of research ANR. He chairs an international technical commission of RILEM – TC 346 BBM Bio-aggregates based building materials.