

**CATHERINE  
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Catherine Elissalde, was born in France in 1968. She obtained her Ph.D in Material Science from University of Bordeaux (1994) and joined Penn State University for one year post-doctoral fellowship with Prof. L.E. Cross in 1995. She is currently senior researcher at the Institute for Condensed Matter Chemistry of Bordeaux (ICMCB-CNRS).

Her research interests lie in the study of structure-microstructure-properties relationships in functional ceramic materials. For fifteen years, she has developed a thematic focused on the design of ferroelectric and dielectric multi-materials at the nano and microscale. She initiated strong interdisciplinary collaborations targeting approaches combining wet chemistry, advanced sintering processes and characterization of the nano/microstructure by 3D imaging techniques. Her current research is dedicated to the understanding of size, strain and interface effects mainly in electroceramics.