

## Claverie, Alain

Fri, 2012/11/16 - 12:15 — Alain Claverie, CNRS - CEMES, FR

**Title:**

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**Bio and Interests:**

Alain Claverie obtained his Ph.D. in Physics in 1984 from the University of Toulouse. Appointed Chargé de Recherche CNRS in 1985, on secondment abroad from 88 to 93, notably at the University of Berkeley, Alain's interest ranges from the nucleation and growth of extended defects and precipitates in solid matrices, to ion implantation at very low energy and to diffusion anomalies in semiconductors. From 2000 to 2003, he was the Coordinator of "NEON" (Nanoparticles for Electronics), a project of the European Commission aimed at engineering nanocrystals to fabricate nonvolatile memories. Appointed Director of Research in 2002, he created and directed the nano-materials group of CEMES dedicated to the synthesis, physics, characterization and integration of nanocrystals, nanotubes and ultrathin films in devices showing possible applications in the areas of electronics, magnetism and optics. He is a scientific consultant for 2 companies in the field of materials and processes for ultimate electronics. He has been appointed Director of CEMES, a lab of 170 at the forefront of knowledge in the fields of nanosciences and nanomaterials, in January 2011.

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