Featuring work from the research groups of Heteroepitaxy and Nanostructures at Lyon Nanotechnology Institute (INL-CNRS), France, and the Superconducting Materials and Nanostructures at Large Scale at Materials Science Institute of Barcelona (ICMAB-CSIC), Spain.

Ferromagnetic 1D oxide nanostructures grown from chemical solutions in confined geometries

Non-classical nucleation and crystallization mechanisms from chemical solutions under confinement lead to new single crystal complex oxide nanowires with novel structural and physical properties. Our methodology opens the possibility to new strategies for electronic devices and sensor integration into silicon.

As featured in:

See Carretero-Genevrier *et al.*, *Chem. Soc. Rev.*, 2014, **43**, 2042.

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