

High-Impact Discovery

- Controlling Magnetism with an Electric Field-

ERC for Translational Applications of Nanoscale Multiferroic Systems (TANMS), based at UCLA – Artificially engineered structures allow the direction of magnetization to rotate 180° when an electric field is applied—a feat previously considered impossible

A schematic of the device in which TANMS' 180-degree-switching was demonstrated in a single-phase multiferroic material



Heron et al, Nature (2014)