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**Giant Magnetoelectric Coupling in Asymmetric Ferromagnet-Ferroelectric-Metal Trilayers: Toward Electric Control of Magnetization**

TIANYI CAI, University of Texas at Austin, SHENG JU, Department of Physics, Suzhou University, Suzhou, 215006, China, JUNREN SHI, ENGE WANG, Institute of Physics and ICQS, Chinese Academy of Sciences, Beijing 100080, China, ZHENYA LI, Department of Physics, Suzhou University, Suzhou, 215006, China, QIAN NIU, University of Texas at Austin — By examining electron screening at the surface of ferromagnetic metals and semiconductors, we propose an asymmetric ferromagnet-ferroelectric-metal trilayer to realize giant magnetoelectric effect. The origin is the strengthened accumulation of spin-polarized screening electrons at the ferromagnet-ferroelectric interface. Including the electrostatic energy from such spin-polarized charges in the Landau-Devibshire free energy for ferroelectrics, a magnetoelectric coupling term  $\chi P^2 M^2$  is derived, and consequently an electric control of magnetization hysteresis is observed. The dependence of  $\chi$  as well as the ME effect on the choice of materials is discussed for some real ferromagnets.

Tianyi Cai  
University of Texas at Austin

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