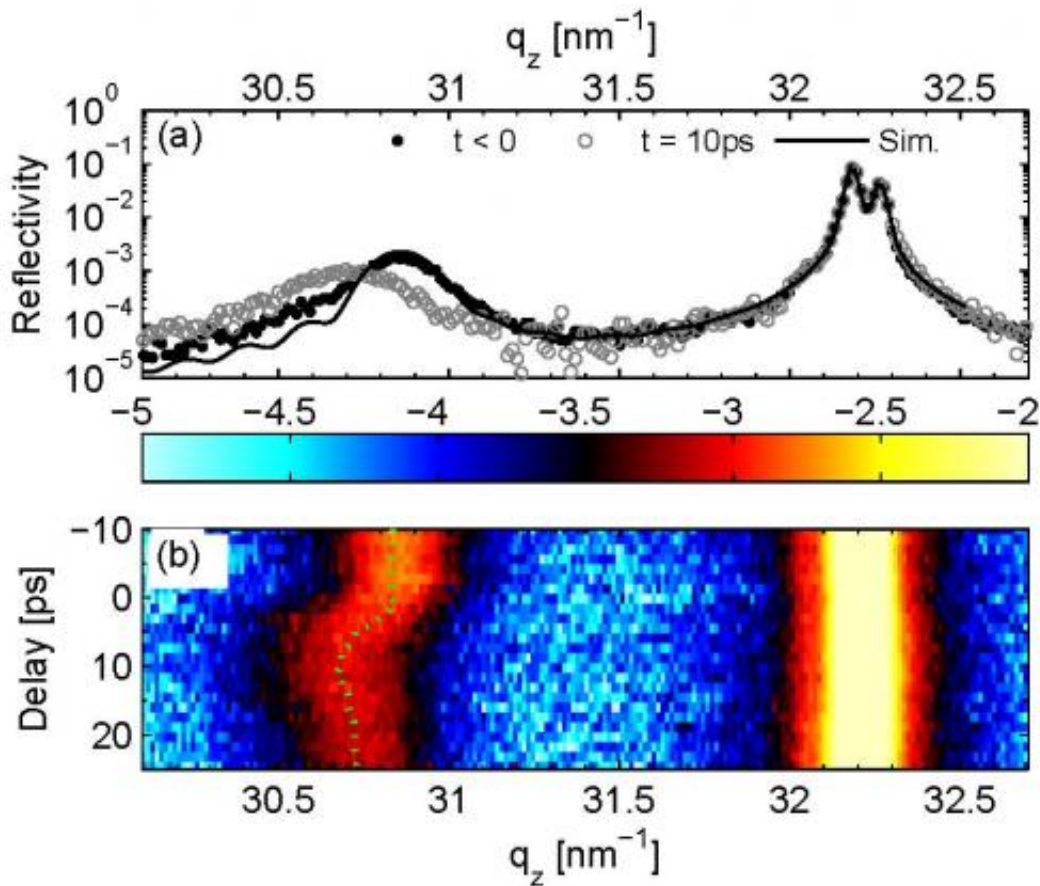


Generating ultrafast inhomogeneous strain in room-temperature multiferroics

May 28 2014



The transient $\theta/2\theta$ scans reveal a maximum shift of the BiFeO₃002 Bragg peak around 30.8 nm^{-1} to smaller values of the scattering vector q_z within 10ps while the substrate SrTiO₃ peak at 32.2 nm^{-1} remains unchanged. (a) The black dots and gray circles correspond to slices of (b) at t

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