

## THIN FILM ALCHEMY— UNLEASHING THE HIDDEN PROPERTIES OF OXIDES

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Guided by theory, unparalleled properties—those of hidden ground states—are being unleashed by strain, dimensional confinement, and other thin-film tricks. Complex oxides that are not ferroelectric or ferromagnetic in their unstrained state can be transmuted into materials that are both at the same time. Changes to the band structure are revealed by angle-resolved photoemission spectroscopy on pristine as-grown surfaces of epitaxially engineered oxides grown by molecular-beam epitaxy.

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CFEL  
SEMINAR ROOMS I-III

