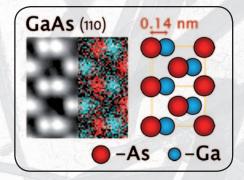
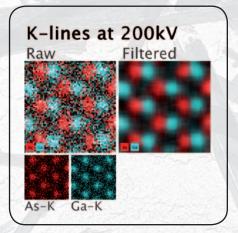
Make Every Electron Count

ChemiSTEM™ Technology

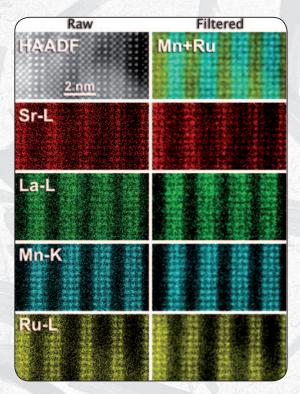
Introducing the newest member of the Titan family: **Titan™ G2 80-200 with ChemiSTEM™ Technology.** Combining FEl's groundbreaking ChemiSTEM Technology with Titan's market-leading sub-atomic resolution imaging, Titan G2 80-200 offers highly sensitive, fast elemental mapping, superior ultra-low concentration detection and the highest analytical probe current available. Even EDX tomography is easily achieved with stunning results.

GaAs Atomic EDX showing 1.4 Angstroms dumbbells with Titan G2 80-200 with ChemiSTEM Technology





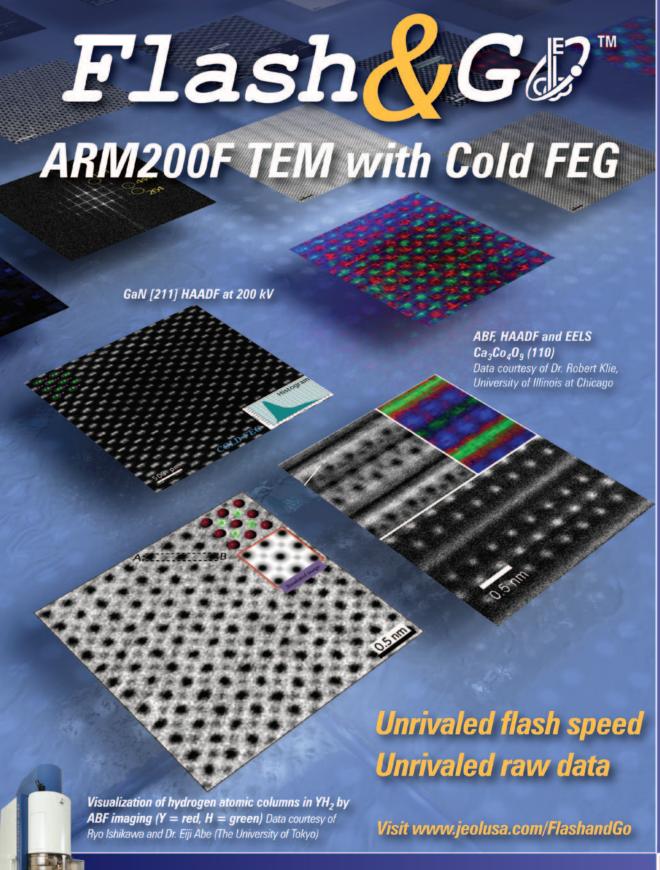
La_{1,x}Sr_xMnO₃/SrRuO₃ multilayer/quantum well systems in [100] projection



Sample courtesy of Ionela Vrejoiu and Eckhard Pippel, Max Planck Institute of Microstructure Physics, Halle/Saale, Germany.











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