

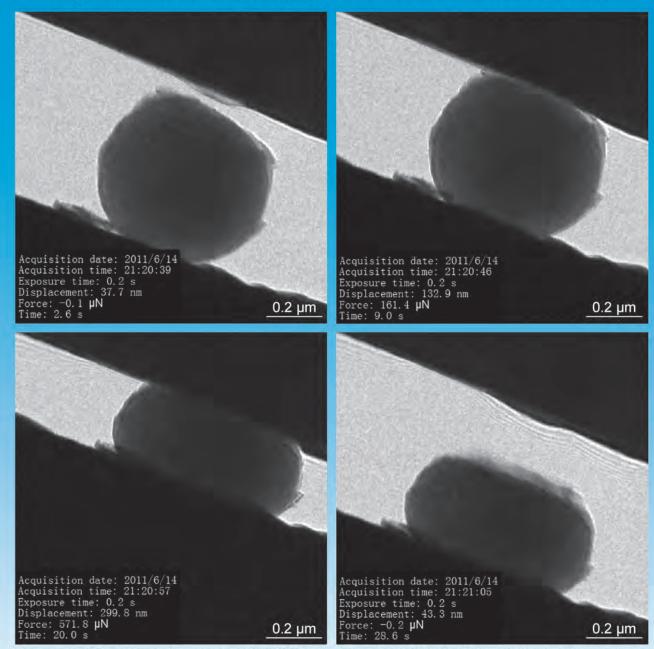
Assistant Professor of Biology

The Biology Department at Saginaw Valley State University (SVSU) seeks a tenure-track Assistant Professor starting in 2012–2013. The successful candidate is expected to be a biologist trained in scanning and transmission electron microscopy and interested in developing an undergraduate research program using an existing electron microscopy facility while maintaining its operation. Teaching responsibilities include lower division as well as upper division biology courses in electron microscopy and other areas of interest. For further information and to apply for this position please visit www.jobs.svsu.edu. Interested applicants must apply online at www.jobs.svsu.edu. SVSU is an EO/AA employer.

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Synchronizing images with data from *in situ* devices

In situ TEM/SEM HD Video (AVI, MPEG4, WMV) Windows 7 (32 and 64 bit)
Open architecture for 3rd party in situ devices DM scripting



In artu compression of a SiO, glass nanoparticle acquired with Gatan ORIUS 830 CCD camera. A 500 nm amorphous SiO, glass particle is plastically deformed using a Hysitron Picoindenter (PI95). The loading rate of 15 nm/s was generated by driving the flat diamond punch seen in the lower left corner of the images. The indentation experiment was coordinated and recorded using Gatan's in situ Video Software, a new component of the Gatan Microscopy Sulter. Images courtesy of Prof. Zhiwei Shan, CAMP-Nano, Xi'an Illaotong University, China.

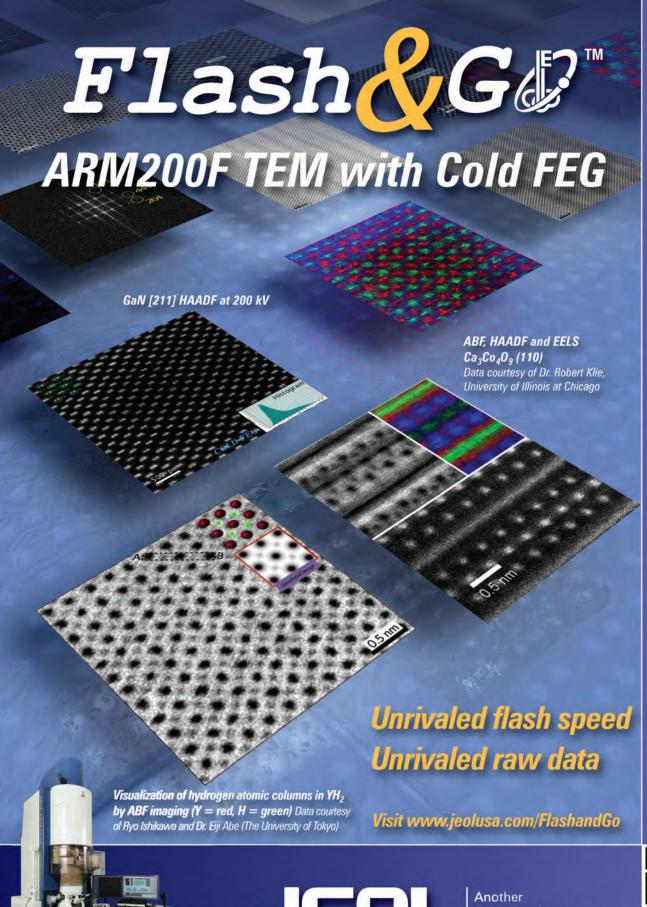


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