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Synchrotron radiation emitted by 240-megaelectron-volt electrons circulating in Tantalus I, the electron storage ring at the University of Wisconsin–Madison, hitting the tip of a single crystal rod of LaB6. The sample in the ultrahigh vacuum photoemission chamber is at the focus of an electron energy analyzer. Electrons excited by soft x-rays and vacuum ultraviolet radiation escape through the crystal surface carrying with them valuable information about their energies and momenta inside the crystal. See page 151. [C. G. Olson, Ames Laboratory, U.S. Department of Energy]
Editor's Summary

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