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Single Molecule Spectroscopy and Superresolution Imaging XIII

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Single Molecule Spectroscopy and Imaging IV. February 2011 • Proceedings of SPIE - The International Society for Optical Engineering. Jürg Enderlein. The tools and techniques from the fields of single molecule spectroscopy and superresolution imaging in combination with an electromagnetic recoil separator, for beam and isotopic differentiation, allow for a detection scheme with near unity efficiency, a high degree of selectivity, and single atom sensitivity.