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Jill E. Guerra* (jguerra@uafortsmith.edu), University of Arkansas - Fort Smith, 5210 Grand Avenue, Fort Smith, AR 72913, and **John C. Merkel, III, Eric A. Bickerton** and **Warren Chancellor**. *Authentication Using Wavelets, part I.*

In this talk we will discuss a procedure for using wavelets and statistical analysis for art authentication purposes. Applications to forgery and fingerprints will be discussed in part II of this presentation. (Received September 21, 2009)