

Abstract Submitted  
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**Atomic**

**Force Microscopy of Cellulose Fibers** ROBERT FRIEDFELD<sup>1</sup>, Stephen F. Austin State University, ARMEN NALIAN COLLABORATION<sup>2</sup> — Cellulose fiber is a naturally occurring material that is of research interest in Biotechnology and Forestry at SFA. Cellulose has been of interest in the wood sciences for some time and more recently in the field of nanotechnology research. In a collaborative effort between the Department of Physics and Astronomy and the Division of Biotechnology, atomic force microscopy is being used in an attempt to acquire data that may be used for comparison with molecular models being developed by researchers in Biotechnology. Preliminary results of this research effort will be presented.

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