

Abstract Submitted  
for the SES06 Meeting of  
The American Physical Society

**Physics and Music I: Subharmonics on a violin String** PHILLIP  
J. STILES, NC State University — Of considerable interest to Physicists was the  
demonstration in the 1990's of subharmonic resonances on the G string of a violin.  
How can one explain these anomalous low frequencies. They are of the same quality  
as the normal resonances used to produce music on the violin. What is the inter-  
action of human and the vibrating body? A survey of the understanding will be  
given

Phillip J. Stiles  
NC State Univ.

Date submitted: 21 Aug 2006

Electronic form version 1.4