

Meeting: 1005, Newark, Delaware, SS 10A, Special Session on Symmetry Methods for Partial Differential Equations

1005-35-136 **George W Bluman*** (bluman@math.ubc.ca), Department of Mathematics, University of British Columbia, Vancouver, BC Canada, and **Temuerchaolu**. *Conservation Laws for Nonlinear Telegraph Equations.*

A complete conservation law classification is given for NLT systems with respect to multipliers that are functions of independent and dependent variables. A very large class of NLT systems admits four nontrivial local conservation laws. (Received February 04, 2005)