

1025-76-213

**Jerry L. Bona\*** ([bona@math.uic.edu](mailto:bona@math.uic.edu)), Department of Math, Statistics & Computer Sci, 851 S. Morgan Street MC 249, University of Illinois at Chicago, Chicago, IL 60607. *Water Wave Models*. Preliminary report.

This lecture is aimed at exposing the relationship between various model equations for surface water wave propagation. Formal results will be given a rigorous foundation. (Received January 23, 2007)