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Jerry L. Bona* (bona@math.uic.edu), Dept. Mathematics, Statistics & Computer Sci.,
University of Illinois at Chicago, 851 S. Morgan Street MC 249, Chicago, IL 60607. *Coupled
Systems of Nonlinear, Dispersive Wave Equations.*

The lecture will focus on questions of local and global well-posedness for a certain class of coupled systems of nonlinear, dispersive wave equations. Joint work with Jonathan Cohen and Gang Wang (DePaul University) and with Hongqiu Chen (University of Memphis) and Ohannes Karakashian (University of Tennessee, Knoxville) will be featured in the discussion. (Received September 14, 2010)