1126-35-76 **Wen-Xiu Ma*** (`mawx@cas.usf.edu`), 4202 E Fowler Avenue, Tampa, FL 33620. *Lump solitons to integrable wave equations.*

Lump solitions to integrable wave equations will be talked about. The key technique is to use bilinear forms and positive multivariate polynomials. Illustrative examples of lumps are presented for the Kadomtsev-Petviashvili, B-Kadomtsev-Petviashvili and Jimbo-Miwa equations through symbolic computation with Maple. (Received January 02, 2017)