1126-35-383   **Ziad H Musslimani***, Department of Mathematics, Tallahassee, FL 32306. *Nonlinear waves and integrable nonlocal models.*

In this talk we will present recent results related to the field of integrable nonlocal models. In particular we will introduce the space-time and time only nonlocal NLS equation, give detailed analysis of the inverse scattering transform and give soliton solutions (Received January 17, 2017)