1012-35-145    **James E. Colliander\***, Department of Mathematics, University of Toronto, Toronto, Ontario
M5S 3G3, Canada. *Towards a maximal-in-time theory for the Nonlinear Schrodinger Equation.*

I will describe recent work aimed at understanding the maximal-in-time behavior of solutions of certain semilinear Schrodinger initial value problems in the setting of low or minimal regularity initial data. (Received September 18, 2005)