

1088-05-274

**Amanda Redlich\*** ([aredlich@math.rutgers.edu](mailto:aredlich@math.rutgers.edu)). *A Combinatorial Toolkit for Nonlinear Analysts.*

The talk will be at an introductory level, with the aim of motivating further exploration and collaboration between researchers in both fields. We survey several useful concepts from combinatorics. We also briefly discuss applications of these ideas to integrability questions. Topics covered will include Grassmannians, permutations, plabic graphs, and Young tableaux. (Received February 12, 2013)