1145-35-1454   **Dan Andrei Geba***, University of Rochester, Department of Mathematics, 806 Hylan Building, Rochester, NY 14627, and **Evan Witz**, University of Rochester. *Well-posedness issues for generalized Boussinesq equations.* Preliminary report.

In this talk, we plan to discuss a series of problems that are related to the well-posedness of generalized Boussinesq equations. In particular, by rewriting these equations as nonlinear Schrödinger equations, we see that one expects their behavior to be better than what is currently known for generic Schrödinger problems. This is joint work with Evan Witz. (Received September 22, 2018)