1163-35-927 **Dan Andrei Geba***, University of Rochester, Department of Mathematics, 806 Hylan Building, Rochester, NY 14627, and **Bai Lin**, University of Rochester, Department of Mathematics, 910 Hylan Building, Rochester, NY 14627. *Unconditional well-posedness for the Kawahara equation.*

This talk is concerned with the unconditional well-posedness for the Kawahara equation on the real line and shows that this holds true for initial data in $L^2(\mathbb{R})$. This is achieved by applying an infinite iteration scheme of normal form reductions. (Received September 14, 2020)