1142-76-136   **Elaine Cozzi*** (`cozzie@math.oregonstate.edu`) and **James P. Kelliher**. *Solutions to the 2D Euler equations with velocity growing at infinity.*

In this talk, we discuss existence of solutions to the 2D Euler equations with vorticity bounded and velocity growing at infinity. If time permits, we will also mention recent results and open questions related to uniqueness and continuous dependence on the initial data for these solutions. (Received August 31, 2018)