1167-35-154　　　　**Anna L Mazzucato*** (`alm24@psu.edu`). *Global existence for the 2D Kuramoto-Sivashinsky equation.*

I will discuss recent results concerning global existence in 2 space dimensions for the Kuramoto-Sivashinsky equation, which is a model of long-wave instability and flame propagation in combustion. (Received March 04, 2021)