1145-35-2472   **Dana Sydney Mendelson***, dana@math.uchicago.edu. *Almost sure wellposedness for some nonlinear dispersive equations.*

In this talk, I will discuss several problems on nonlinear wave and dispersive equations with random initial data. I will present several almost sure well-posedness results for these equations and contrast the ways in which random data techniques can be exploited in these different contexts. (Received September 25, 2018)