Jan Wehr

Title: LET US MAKE NOISE, BE LATE AND HAVE FUN

Abstract: I will describe a theorem, showing that adding noise and time delay to a dynamical system often leads to an additional term in the differential equation defining it. Such *noise-induced drift* may significantly change the system's qualitative behavior. The result was the main content of the Ph. D. dissertation of Austin McDaniel, defended in 2015. I will propose a few interesting equations to add noise and delay to, and argue that they will be fun to study.