Reading Assignment #9
(due: Wednesday, September 15, 8 am)

Read: NO READING instead go to physics coffee talk (Tuesday, Sept. 14, 1pm, Olin 264)

1. Take notes of the talk (keywords are fine)

2. Prepare one or more questions to the speaker of the coffee talk (Diego del-Castillo-Negrete). He will come to our Wednesday class to answer any questions. Your question may be a follow up question about his talk and/or any other question about nonlinear dynamics.

3. Do you have any comments about this assignment, last class or what you would like to discuss on Wednesday in class?

Reading Assignment #10
(due: Friday, September 17, 8 am)

On Friday we will meet in Olin 251. We will use mathematica to work out some examples of nonlinear dynamics.

Read: No Reading in Taylor instead
- Review NDSolve and ParametricPlot
- Learn about Table, Mod, ListPlot and For Loops.

1. Make a parametric plot of $x(t) = \sin(t), y(t) = 3\cos(t)$.

2. Make a table and ListPlot of $\{x, x^2\}$ $0 \leq x \leq 10$.

3. Any comments?