



## The Department of Mathematics

Presents

*Maria Nogin, Ph.D.*

*and*

*Adnan Sabuwala, Ph.D.*

(Fresno State)

Friday, March 3, 2017

@ 11:00AM in AG 109

# Mathemagics!

### ***Abstract:***

Magic is fun, exciting, and intriguing. While most magic tricks involve sleight of hand, some are purely mathematical in nature. In this presentation, we will perform a few such tricks (sorry, no rabbits coming out of a hat or birds flying around the room). After showing these tricks, we will do the unthinkable -- reveal our tricks! We will both show how each trick works and explain the mathematics behind it. No knowledge of advanced mathematics is required to learn these tricks. We invite everyone to come have a magical day of fun and learning.

### **About the Speakers:**

Dr. Nogin is an associate professor in the math department. She obtained her doctoral degree from University of Rochester. Her area of research is topology. Dr. Sabuwala is an associate professor in the math department. He obtained his doctoral degree from University of Florida. His area of research is numerical analysis.