

# Stony Brook Math Club and Graduate Student Seminar

Wednesday, April 21, Math P-131

*This is the 5th of a series of meetings of the Stony Brook Math Club aimed to give undergraduate students a glimpse of actual math research and math related activities. If you are curious about and/or interested in math, do not hesitate to come.*

12:50-1:45pm Marco Martens, *Cantor Sets and Chaos*

The middle third Cantor set is obtained by removing the middle third from an interval leaving two smaller intervals and then removing the middle third from the two new little intervals and so on. Sets with a similar structure are called Cantor sets. They play a crucial role during the creation of chaos and come with many geometrical surprises.

1:45-2:15pm *Pizza social*

Marco Martens is a faculty member at the Stony Brook Department of Mathematics and Institute for Mathematical Sciences. His research concerns dynamics and chaos.

*Questions? E-mail Moira Chas at [moira@math.sunysb.edu](mailto:moira@math.sunysb.edu)*