MATH and PIZZA

Partitions, Pictures, Pentagonal Numbers, and the Letter...q

Speaker

Glenn Lilly

National Security Agency (NSA)

Spensored by

UK Department of Mathematics







Biography:

Glenn Lilly received his doctorate from the University of Kentucky in 1991.

He joined the National Security Agency (NSA) shortly thereafter. He spent the bulk of his career in crypto-algorithm and protocol design and evaluation.

He is currently the chief of the Mathematics Research Group at NSA.

All students with an interest in Mathematics are welcome to attend!!

Date: Thursday, April 19, 2012

Time: 4:00pm - 5:00pm

Room: 208, Classroom Building

Abstract:

Combinatorics and generating functions is a highly intuitive branch of mathematics. We will discuss a combinatorial proof of Euler's pentagonal number theorem, first introducing the concept of a partition of a positive integer, and then that of a generating function.

The talk will be accessible to undergraduate math majors, and it will also touch upon employment at the National Security Agency.

UK Math Club www.math.uky.edu/~mathclub