The Allegheny College Mathematics Department Presents Guest Speaker

Ravi Vakil

Professor of Mathematics, Stanford University

The Mathematics of Doodling

Henderson Auditorium, Quigley Hall
Allegheny College
Thursday, April 4, 2013 at 4pm

 Abstract: Doodling has many mathematical aspects: patterns, shapes, numbers, and more. Not surprisingly, there is often some sophisticated and fun mathematics buried inside common doodles. I'll begin by doodling, and see where it takes us. It looks like play, but it reflects what mathematics is really about: finding patterns in nature, explaining them, and extending them. By the end, we'll have seen some important notions in geometry, topology, physics, and elsewhere; some fundamental ideas guiding the development of mathematics over the course of the last century; and ongoing work continuing today.

Refreshments will be available after the talk.

For more information, contact Harald Ellers at hellers@allegheny.edu.

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