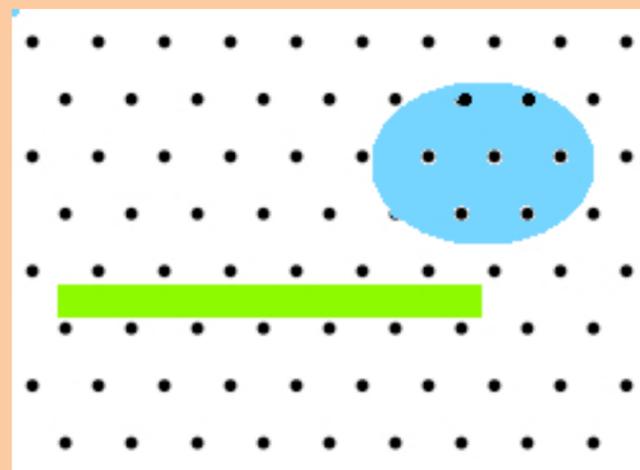


Melanie Matchett Wood is an Assistant Professor at the University of Wisconsin-Madison and an American Institute of Mathematics Five-Year Fellow. Melanie became the first, and until 2004 the only female American to make the U.S. International Mathematical Olympiad Team at the age of 16, receiving silver medals in the 1998 and 1999 competitions. In 2002 she became the first American woman and second woman overall to be named a Putnam Fellow.



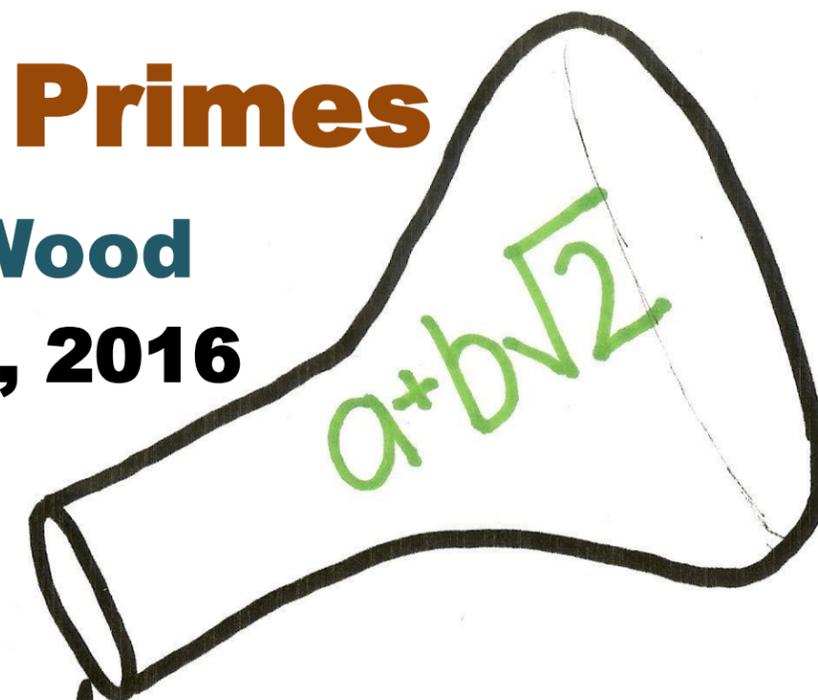
The Chemistry of Primes

Melanie Matchett Wood

Wednesday - April 27, 2016

7:00 PM

Kemeny 008



We are familiar with the prime numbers as those integers which cannot be factored into smaller integers, but if we consider systems of numbers larger than the integers, the primes may indeed factor in those larger systems. We discuss various questions mathematicians ask how the primes may react in larger number systems. We will talk about both classical results and current research on the topic, and give a sense of the kind of tools needed to tackle these questions.

2016 Kemeny Public Lecture

Everybody Welcome!

For more information: <http://www.math.dartmouth.edu/activities/kemeny-lectures/>

