

Mathematics Student Colloquium

**Prof. David Keys**

**Values of Zeta  
Functions and  
Irrationality Proofs**

*Abstract: We will give an introduction to the zeta function, including Euler's result for the values at positive even integers, analytic continuation, and the functional equation. Approaches to irrationality results for special values will also be discussed.*

**Wednesday, November 12**

**4-5pm**

**204 Smith Hall**