Announcing
A Mathematics Seminar
Friday, April 8th at 2:00 pm
Southern Hall 303
at The University of Southern Mississippi

Speaker: Khin Maung Maung
Department of Physics
University of Southern Mississippi

Title: Life of Galois and the Quintic Equation

Abstract:
The life of Evariste Galois was short, full of disappointments and ended in tragedy. In his short and miserable life he had time to invent some mathematical concepts which shape the foundations and tools of modern day physics and mathematics. The (posthumously recognized) crowning achievement of his life was the proof of the unsolvability of the general quintic equation by radicals.

In the first 20 min of the talk, I will cover briefly, the history of cubic and quartic equations, a bit on the life of Neils Henrik Abel, Abel-Ruffini Theorem and life of Galois. In the remainder of the time, I will touch on the mathematical tools needed to understand Galois’ proof and the basic ideas behind the proof.

Further Information
Further details and information about this and other departmental activities is available online at http://www.math.usm.edu/bulletin_board/.