CCSU DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, April 18 2:00 – 3:00 PM Maria Sanford, Room 101

THREE SIMPLE QUESTIONS ABOUT TETRAHEDRA

CHARLES WAIVERIS

CENTRAL CONNECTICUT STATE UNIVERSITY

Abstract: The tetrahedron having four triangular faces is the simplest polyhedron that can be constructed. Three simple questions about congruence relations, similarity, and measure of the solid angles at a vertex will be discussed. A few possibly easy but unanswered questions will also be presented.

This talk will be accessible to anyone with knowledge of high school algebra, geometry and a little trigonometry.

For further information: <u>gotchevi@ccsu.edu</u> 860-832-2839 http://www.math.ccsu.edu/gotchev/colloquium/