

**Undergraduate Math Club  
Fall 2005  
2<sup>nd</sup> floor Nesbitt Common Room  
Oct. 20, 4:10-5:00pm  
(free pizza and pop, as always)**

**Archimedean solids  
Professor H. Derksen**

**Abstract**

Archimedean solids are highly symmetric convex polyhedra. Platonic solids (tetrahedron, cube, octahedron, dodecahedron, icosahedron) are examples of Archimedean solids, but there are others, such as the “soccer ball”. In this talk we will start with elementary geometry (the sum of the angles of a triangle) and we will end with the classification of Archimedean solids. The audience members will be encouraged to build their own Archimedean solids while eating pizza and listening to the talk.