

Mathematics Student Colloquium

Prof. Li Guo

On Two Formulas  
of Euler  
on Double Zeta Values

*Abstract: Double zeta values are two-variable generalizations of the (Riemann) zeta values and was already studied by Euler and Goldbach. Their multiple variable generalizations, called multiple zeta values, did not appear until the 1990s and have since been studied intensively with connections with many areas of mathematics and physics.*

*We will consider the Sum Formula and Decomposition Formula of Euler for double zeta values and show how to generalize them to multiple zeta values.*

Wednesday, December 10

4-5pm

204 Smith Hall