

Department of Mathematics and Statistics Colloquium

Some studies in string complementarity and duality

Ilarion Melnikov

James Madison University

Abstract: String theory is a theory of quantum gravity that has made numerous exciting connections between problems in physics and structures and results in mathematics, greatly enriching both disciplines in the last thirty years. I will review some aspects of these connections in the context of string complementarity and duality: two notions in which two seemingly different formulations of a string theory describe the same physics.

Monday, March 2 at 3:30 pm in Moody 109