

Colloquium

University of Notre Dame
Department of Mathematics

Markus Hunziker - Baylor University

Speaker: Markus Hunziker

Baylor University

Will give a lecture entitled

Classical invariant theory and Harish-Chandra modules

Date: Thursday, November 9, 2017

Time: 4:00 PM

Location: 117 Hayes-Healy Hall

Departmental Tea: Tea in Room 257 (lounge in Hurley Hall) at 3:30 p.m.



Abstract:

Classical invariant theory has played a central role in the development of modern mathematics and continues to have important applications in numerous areas of current interest. In this expository talk, I will present a new approach to classical invariant theory via combinatorics and representation theory related to Hermitian symmetric spaces. I will then explain how this approach can be used to solve several long-standing problems in invariant theory and beyond.