

Stavros Papadakis, University of Ioannina, Greece.

Title: Weak Lefschetz Property and stellar subdivisions of simplicial complexes.

Abstract: Assume σ is a face of a Gorenstein* simplicial complex D . The talk, which is based on joint work with Janko Boehm (Kaiserslautern), will be about the question of whether the Weak Lefschetz Property of the Stanley-Reisner ring $k[D]$ of D is equivalent to the same property of the Stanley-Reisner ring $k[D_\sigma]$ of the stellar subdivision D_σ .