

Condensed Matter Seminar

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Title: Mott Transition vs Kondo Collapse Under Pressure: Recent Results

Abstract: Reduction of volume by pressure provides the cleanest way to study the major electronic transitions of correlated systems. Our theory group has been worked closely with the high pressure group at LLNL over the past five years to understand in some detail the transformations in seen in rare earth elements and in transition metal monoxides. The focus for this talk will be on Gd, a Kondo collapse system, and the Mott transition in MnO.

Thursday 4:10 to 6PM - Room 416 PHY/GEO