

Volodymyr Takhistov✉ **Gaining Insight into PBH Dark Matter with Compact Stars**

Tuesday, 3 December 2019 13:00 (45 minutes)

Recent re-evaluations of PBH constraints show that the parameter space window for small PBHs to constitute all of the DM is significantly larger than previously thought. I will discuss how novel signals from tiny PBHs interacting with compact stars can not only lead to new insights into this difficult to probe parameter region of dark matter, but also contribute to resolution of long-standing astronomical puzzles such as the origin of gold and other heavy elements.