

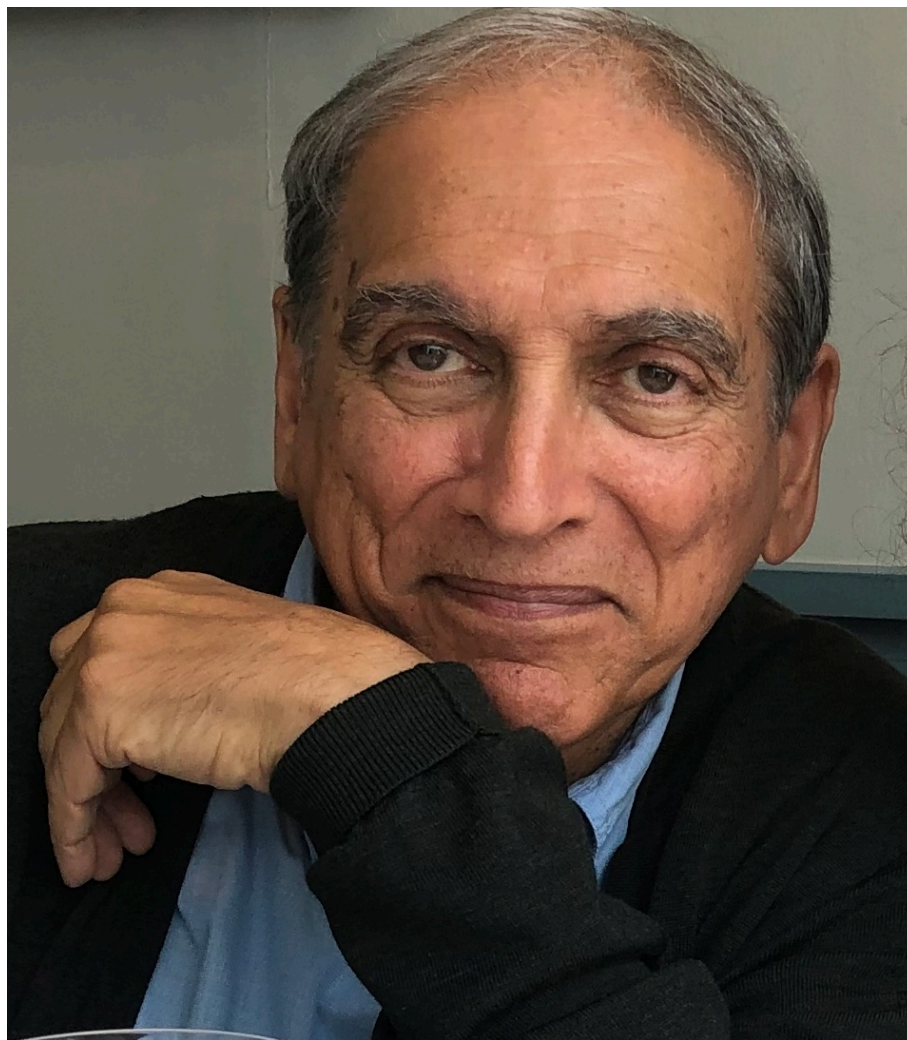
# KMI Colloquium

## “Quest for Unification”

**Qaisar SHAFI**

**(Bartol Research Institute & Univ. of Delaware)**

April 8 (Thursday), 2021, 10:30-  
ZOOM



### Abstract:

Grand Unified Theories (GUTs) provide a compelling framework for unifying the strong, weak and electromagnetic interactions. I will review gauge and Yukawa unification, dark matter, proton decay, topological defects and primordial gravity waves in supersymmetric and non-supersymmetric GUTs. Some implications of merging grand unification and the weak gravity conjecture will be briefly discussed.

