Physics Colloquium, St. Francis Xavier University
January 12, 2022, 7:30pm, online

Paul Steinhardt
Princeton University

*Time to take the `Big Bang’ out of the Big Bang Theory?*

Although a wide range of evidence supports the notion that the universe has been expanding and cooling for the last 14 billion years in accordance with the big bang theory, there is no evidence for the big bang itself. This talk will explain why it may be necessary to jettison the `big bang’ in favor of a `gentle bounce’ from a preceding phase of contraction in order to explain the observed properties of the universe.

Please contact the colloquium coordinator Hossain Ahmed (https://www.mystfx.ca/physics/index.php/hossain-ahmed) for information on how to join the meeting.