

The Virginia Tech Physics Department presents the following public lecture:

Prof. Vijay Balasubramanian
(University of Pennsylvania)

“The End of Space and Time”

Abstract:

We are used to visualizing space as a stage on which things move and time as a marker for the passage of events. I will describe how Einstein combined space and time into a dynamical entity called “space-time” that can warp and bend in response to matter, giving rise to the force of gravity. I will then discuss the emerging understanding of space and time as simply approximate descriptions of a much more complex underlying reality. In this picture, space and time can appear out of, or disappear into, timeless and spaceless voids.

Wed., May 16
7:30 P.M.
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