

Functional Analysis and Mathematical Physics
Interdepartmental Research Group
(FAMP)
Colloquium Series
Fall 2020

Talk 9: In How Many Dimensions Do We Live?

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Abstract

In this talk, we introduce the concept of *dimension*. We are to see that dimensions depend on the process of measurement and on the dynamics of a physical system. Then, we analyze the reasons that support the existence of a higher dimensional Universe. Finally, we discuss the alternative scenario of dimensionally reduced spacetimes.

**Friday, November 13, 11:00 AM -12:00 PM (PST),
Online via Zoom at**

<https://fresnostate.zoom.us/j/5233106532>