

## PHYSICS AND ASTRONOMY COLLOQUIUM

## Dr. Hasan Padamsee

Cornell University and Fermilab

## "Superconducting RF (SRF) Acceleration for Frontier Accelerators"

## <u>Abstract</u>

"The past five decades have seen many successes in superconducting rf (SRF) enabling a variety of accelerators. These successes are the result of steady progress in understanding the science behind the performance limitations, and in developing effective countermeasures to advance key performance aspects. SRF technology has developed in parallel to bring major accelerators to reality for a wide variety of fields from high energy physics, nuclear physics, and nuclear astro-physics to materials science. Exciting prospects for future accelerators are ahead."

Wednesday, February 24, 2021 3:30 p.m.

via Zoom: https://uvic.zoom.us/j/81377096640