

COLLOQUIUM

"Particle Accelerators 4: The Next Generation"

Abstract: *In this fourth episode of the Particle Accelerator series (PA1: Rise of the Machines; PA2: Lord of the Rings; PA3: X-lasers), we travel to the future to see how plasma-based accelerators will revolutionise the landscape of particle accelerators. Gigantic atom-smashers' like the 25 km LHC will be replaced by compact accelerators, one-hundredth the size. Huge synchrotron radiation sources will sit atop tables, and every college will have a GeV accelerator in its undergraduate laboratory for students to break. We'll then come back to the present (taking care not to bring back any robotic terminators with us), and examine how these devices are being developed and perfected today – in universities that you may apply to for graduate studies.*

By

Prof. Dr. Srinivas Krishnagopal
BARC/CBS

Day & Date : Tuesday, March 5, 2013

Time : 15:45 hrs

Venue : Seminar Room, PF-AG-14, Prefabs, Near Annabhau Sathe Bhavan University of Mumbai, Vidyanagari, Kalina Campus, Mumbai - 400 098

All are Welcome.