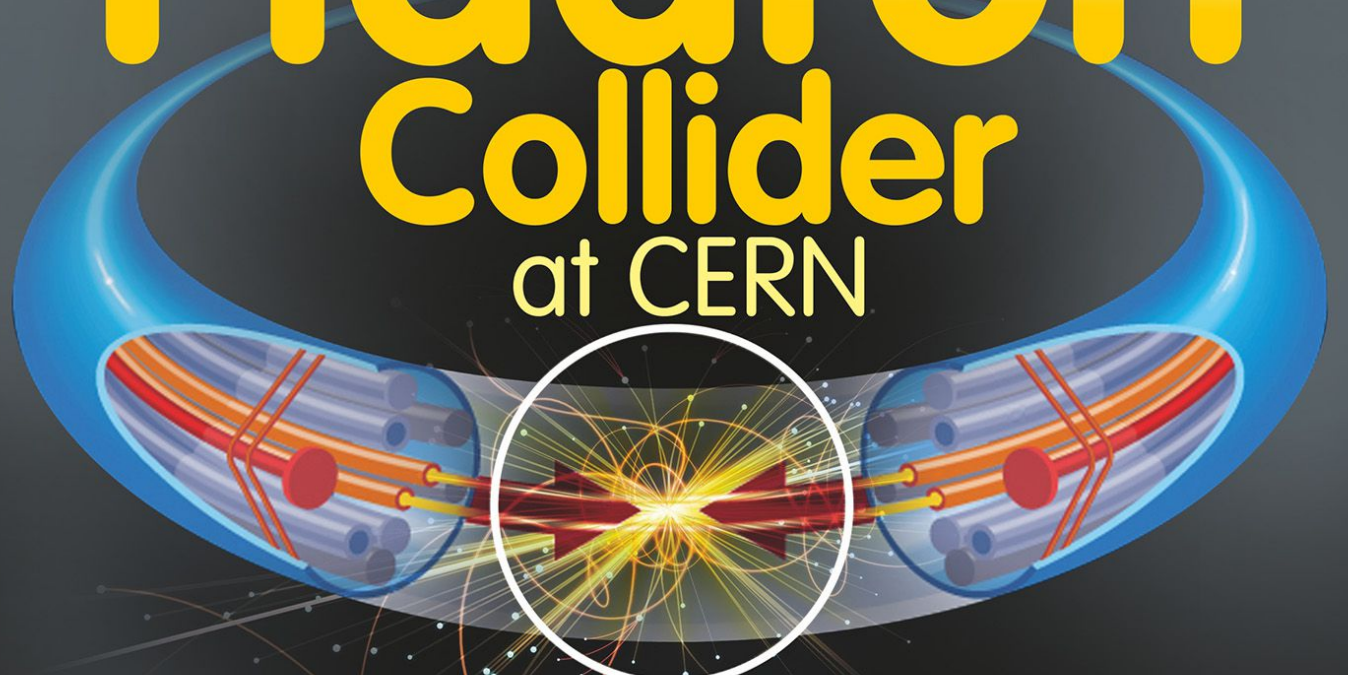




Nehru Science Centre
Cordially invites you to the
**Popular
Science
Lecture**
on Thursday,
14th December, 2017
at 9:45 AM

Exploring the dark side
of the Universe with the

Large Hadron Collider at CERN



By **Dr James Beacham**

ATLAS Experiment | LHC | CERN | Geneva | Switzerland



Abstract : A scientific crisis in 2017 : Physicists have known for decades that everything we can see -- rocks, potatoes, galaxies - makes up only 15% of all the matter in the universe. The rest is stuck in some mysterious "dark matter" which we know is affected by the force of gravity, and which we design huge, complex experiments to search for. And we'd expected to find dark matter by now, but we haven't. What if we're searching for dark matter in all the wrong places? And what if we're wrong about gravity? Physicist James Beacham, from CERN's Large Hadron Collider, explores our attempts to find dark matter and discusses how its elusiveness is forcing scientists to challenge some of their longest-held assumptions.

Venue:

Nehru Science Centre
(National Council of Science Museums)
Ministry of Culture, Govt. of India

Dr. E. Moses Road, Worli, Mumbai – 400 018
Tel: 022 - 2493 2667/2492 0482
Email: director@nehrucentre.gov.in

www.nehrusciencecentre.gov.in | Join us on :