



# Einstein lectures

Einstein lecture by

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## String Theory and Strong Interactions

The history of string theory begins with a set of curious experimental observations in 1960s about strongly interacting particles (hadrons). This relation has many surprising aspects to it which took many decades to uncover. I will talk about how advances since 1998 (arising from the work of a physicist named Maldacena) have begun to clarify this relationship and how this has radically changed how we think about string theory as well as particles with strong interactions.

26 September 2019 (Thursday) at 11am

School of Sciences, Center for Post Graduate Studies (CPGS), Jain Deemed-to-be University, #18/3, 9th Main Road, 3rd Block, Jayanagar, Bengaluru - 560011.



Loganayagam is a string theorist at International Centre for Theoretical Sciences (ICTS-TIFR), Bengaluru. He is interested in quantum fields at finite temperature with a focus on black holes and quantum gravity. After an integrated M.Sc. in physics from IIT Kanpur, Loganayagam obtained a Ph.D. in theoretical physics working under Prof. Shiraz Minwalla of TIFR Mumbai. He was then a fellow of Harvard Society and did a postdoctoral stint at Institute for Advanced Study (IAS) Princeton. Since 2015, he has been a faculty at ICTS-TIFR.

