ICTS International Centre for Theoretical Sciences
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Einstein lectures

PUBLIC LECTURE SERIES CELEBRATING THE CENTENARY OF
ALBERT EINSTEIN'S GENERAL THEORY OF RELATIVITY

Einstein's General Relativity: Beyond insight and elegance to observations and astronomy

2015 is the centenary year of the creation of General Relativity, Einstein's relativistic theory of gravitation. General Relativity is not only the epitome of mathematical elegance and conceptual insight, but, more importantly, observational success leading on to discoveries unravelling the universe we live in. The major successes of the first hundred years will be highlighted and the prospects of what is to come will be indicated. The first detection of gravitational waves by detectors like Advanced LIGO and Virgo is imminent and the routine detection of Gravitational Waves by a global network including LIGO-India in the coming decade will inaugurate Gravitational Wave Astronomy with transformative implications for astrophysics, cosmology and eventually fundamental physics.

Public Lecture by

Prof. Bala Iyer

International Centre *for* Theoretical Sciences - TIFR, Bengaluru

Prof. Bala Iyer is the Chairperson of the Indian Initiative in Gravitational-Wave Observation (IndIGO) consortium. IndIGO consortium is the proposer of LIGO-India and he is one of its principal leads. Prof. Bala is one of the pioneers in the modeling of high accuracy gravitational waveforms from the in-spiral of Neutron stars and Black holes. Before joining as Visiting Professor at ICTS, Bengaluru, he held various academic positions at Raman Research Institute, Bengaluru. He is a fellow of the American Physical Society and the International Society of General Relativity and Gravitation

2nd Feb 2016 (Tuesday) at 11.00 am (& 2.00 pm)
School of Pure & Applied Physics, MG University

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