



INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

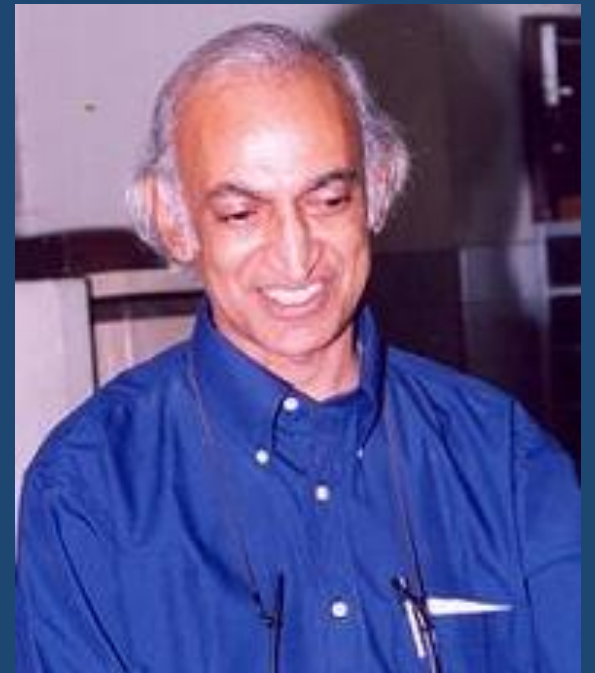
A journey through the Universe

A summer course in astrophysics and cosmology
17 May-5 July 2017(weekly twice) | ICTS-TIFR | Bangalore

By Professor G Srinivasan

Visiting Professor, Indian Institute of Astrophysics

Professor G Srinivasan is a specialist in Condensed matter Physics and Astrophysics. After acquiring his PhD from the University of Chicago in 1970, he had a distinguished career as a scientist and teacher at the IBM Research Laboratory, Chalmers University of Technology, University of Cambridge, and Raman Research Institute. He has done pioneering work in condensed matter physics and astrophysics, and is the author of the best selling popular science books “What Are The Stars?” and “Can Stars Find Peace?”.



1. The theory of Relativity
2. Radiation theory
3. What are the stars?
4. The solar neutrino puzzle
5. Evolution of stars
6. Chandrasekhar's theory of White Dwarfs
7. Neutron stars
8. Neutron stars as PULSARS
9. Black Holes
10. Quasars and Radio Galaxies
11. Cosmology

Schedule

May 17, 19 *
May 24, 26 *
May 31, June 2 **
June 7, 9 **
June 21, 23 *
June 28, 30 **
July 5 **

Time : 10:00 AM

Venue : * Ramanujan Lecture Hall/
** Madhava Lecture Hall

ICTS Campus, Bangalore

For attending the course, please write to academicoffice@icts.res.in before 10 May 2017.

<https://www.icts.res.in/courses/summer2017>