



Royal
Astronomical
Society

A 2024 Honorary Fellowship of the RAS is awarded to Professor Ganesan Srinivasan

Professor Ganesan Srinivasan has led outstanding scientific work in the field of the evolution of neutron stars as well as having made great contributions to Astronomy education in India.

Dr Srinivasan worked for most of his career in India, having completed his PhD in Chicago and worked in posts across Europe including at the Cavendish Laboratory in Cambridge.

He started out as a condensed matter physicist and later switched to Astrophysics. His research in astrophysics covered binary pulsars, supernova remnants, recycled pulsars and millisecond pulsars, having introduced the concept of 'spin-up' lines in radio pulsars in 1980 and, in 1982, explained the origin of the first millisecond pulsar.

Many of the predictions he made in the 1980s have been verified since 2000 after the XMM-Newton mission was launched and later the Fermi Gamma Ray Telescope.

Dr Srinivasan has made broad contributions to Astronomy education including writing multiple textbooks and producing a substantial series of Introduction to Astrophysics video lectures on YouTube.

Additionally, Dr Srinivasan has contributed to the community by serving on council for the Indian Academy of Sciences and on the board for IUCAA, NCRA and Nainital Observatory. He is a past president of the Astronomical Society of India, as well as the Division on Space and High Energy Astrophysics of the IAU.

For the reasons outlined Professor Ganesan Srinivasan is awarded an Honorary Fellowship of the Royal Astronomical Society.