

## **Cultural Colloquium**

### **Murray Gell-Mann - A Brief Introduction to his Life and Work**

### **Balasubramanian Ananthanarayanan**

#### **IISc, Bangalore**

Murray Gell-Mann who recently passed away was a tremendously influential physicist best known for his contributions to elementary particle physics, especially to quantum field theory, and the strong interactions. His repertoire was far larger.

In this talk we will recall some of the features of his extraordinary life and work and say a few words about his ideas beyond elementary particle physics.

#### **About the Speaker:**

Balasubramanian Ananthanarayanan is Professor and Former Chairman at the Centre for High Energy Physics, and held the MSIL Chair Professor of the Division of Mathematical and Physical Sciences, Indian Institute of Science and will soon complete 23 years of service. A B. Tech in Chemical Engineering from IIT Madras and an M. S. and Ph. D. in physics from the University of Delaware USA, he has spent post-doctoral years at PRL, Ahmedabad, Universities of Lausanne and Bern, Switzerland and has wide collaborations in France, Germany, Romania, Switzerland and elsewhere, and was also Pauli Centre Visitor at the University Zurich for 2 months in 2015. Prof. B Ananthanarayanan has been awarded the Rustom Choksi Award for Excellence in Science in 2014 by IISc.

His research is in a wide range of fields including effective field theories, beyond the standard model physics and physics at the proposed International Linear Collider. A keen researcher, teacher and popularizer of science, Prof. B Ananthanarayanan has also written widely for a general audience and served as Associate Editor of Current Science Journal and also an editor with the European Physical Journal - Special Topics, published by Springer-Verlag, and on the editorial board of the Springer Briefs Series in Physics.

***Friday, Oct 25<sup>th</sup> 2019***

***4:00 PM (Tea/Coffee at 3:30 PM)***

***Auditorium, TIFR-H***