

# INTERNATIONAL CENTRE for THEORETICAL SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

#### **IOANNIS BAKAS**



### Crete Regional Meetings in String Theory

Since 2001, brings together, in Greece, theoretical physicists, mainly in string theory, from Iran, Israel, India, Greece and other countries in the region from Greece to India.

One important reason for us in India to join this effort is the firm belief that Science offers an objective platform for peoples of the region to meet and discuss science and also other matters that divide their nations.

#### Ioannis Bakas

 Ioannis Bakas was involved in the organization since the second meeting in 2003 till the 8<sup>th</sup> meeting in 2015.

• loannis, with Elias, has been the pillars of these meeting.

• He was dedicated to this important cause and he served it with dedication and with a missionary zeal...always helpful, always generous and all with a smile.

## Ioannis Bakas

- I first met him in 1991 when we were both visiting the Institute for Advanced Study in Princeton, and then during my visits to CERN Geneva...
- Ioannis was an outstanding mathematical physicist with important contributions to quantum field theory and string theory.
- His work elucidated the role of infinite dimensional symmetries: the large N limit of the W\_N algebras, area preserving diffeomorphisms, coadjoint obbits of Virasoro algebra...;
- RG equations and Ricci flows and many other contributions with the aim of elucidating the underlying mathematical structure of string theory.

Ioannis will be missed by all of us who knew him, his science and his humanity....