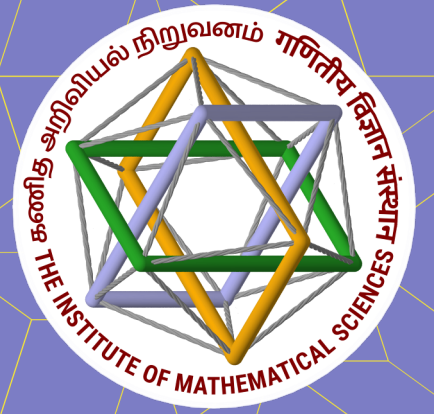


Science at the Sabha 2023

19 February
4:00-7:30pm
The Music
Academy
Chennai



TALKS ON SCIENCE
FOR THE GENERAL PUBLIC

BLACK HOLES THROUGH DIFFERENT WINDOWS



Parameswaran Ajith ICTS, Bengaluru

A variety of astronomical observations made in the last century confirmed that black holes are all over the universe. Now, with new technologies, astronomical observations have started probing the detailed nature of black holes.

CARNATIC MUSIC PROCESSING: A CULTURE SPECIFIC APPROACH



Hema A Murthy IIT Madras

A computational analysis of Carnatic music in search of algorithms for "sruti" detection and melodic analysis towards "typical phrase" determination and raga recognition.

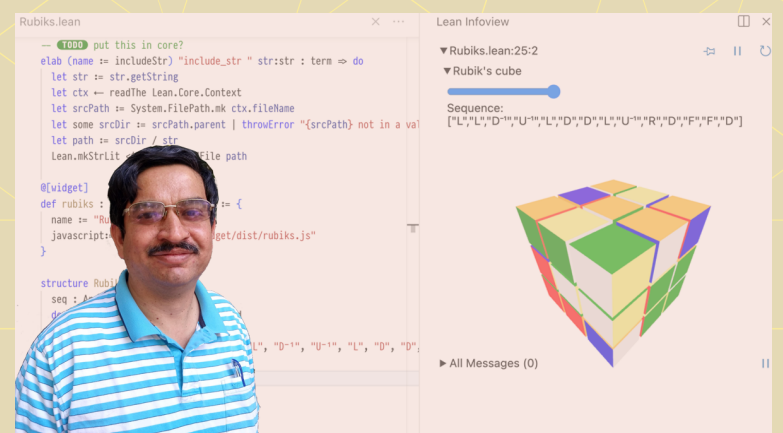
AYURVEDA AND MODERN MEDICINE: THE BEGINNING OF A MOLECULAR CONVERSATION



Mitali Mukerji IIT Jodhpur

How the science of Ayurgenomics has made the beginnings of a molecular conversation between practitioners of Ayurveda and modern medicine with a potential for providing objectivity and evidence based solutions in integrative medicine settings.

THE QUEST FOR AUTOMATING MATHEMATICS



Siddhartha Gadgil IISc, Bangalore

Could a future computer program discover the mysteries of the primes? Can mathematical proofs make trains faster? Phenomenal advances in artificial intelligence and large scale digitization of mathematics point to an exciting future!

This program is part of the TRIVENI outreach series of The Institute of Mathematical Sciences Chennai

No special knowledge of science is necessary to appreciate the talks. Participation is by online registration only, which is free and open to all. For more information and to register, visit www.imsc.res.in/triveni

