

**ASTRONOMY FROM GROUND AND SPACE**  
**ANNAPURNI SUBRAMANIAM**

*Indian Institute of Astrophysics, Bengaluru*

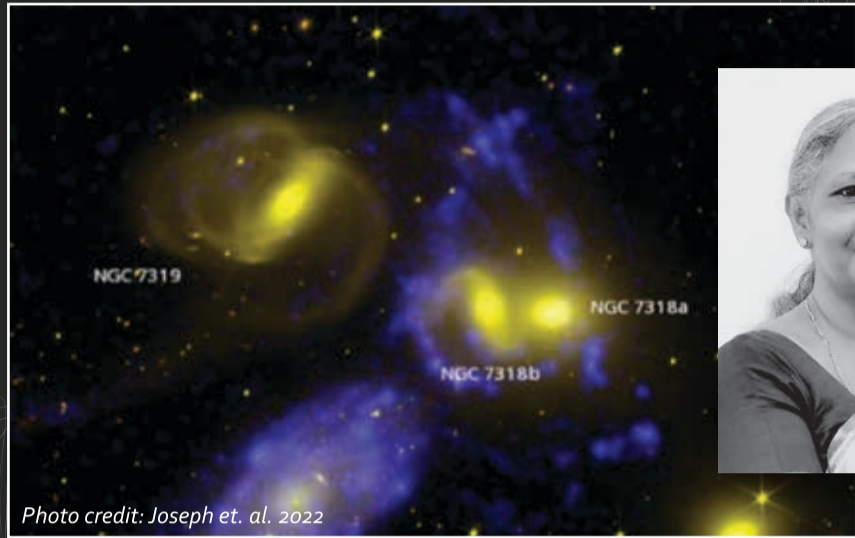


Photo credit: Joseph et. al. 2022

We are finding out more about our universe from scientific instruments orbiting in space. The speaker will talk about her work studying stars using India's first space observatory, ASTROSAT.

**PLASTICS - THE GOOD, THE BAD AND THE UGLY**  
**S. RAMAKRISHNAN**

*Indian Institute of Science, Bengaluru*



Photo credit: Naja Bertolt Jensen

Plastics are here to stay, but the question is: where and how to use them? As a polymer scientist, the speaker suggests an update to the frequently used adage: Reduce-Reuse-Recycle-Reinvent.

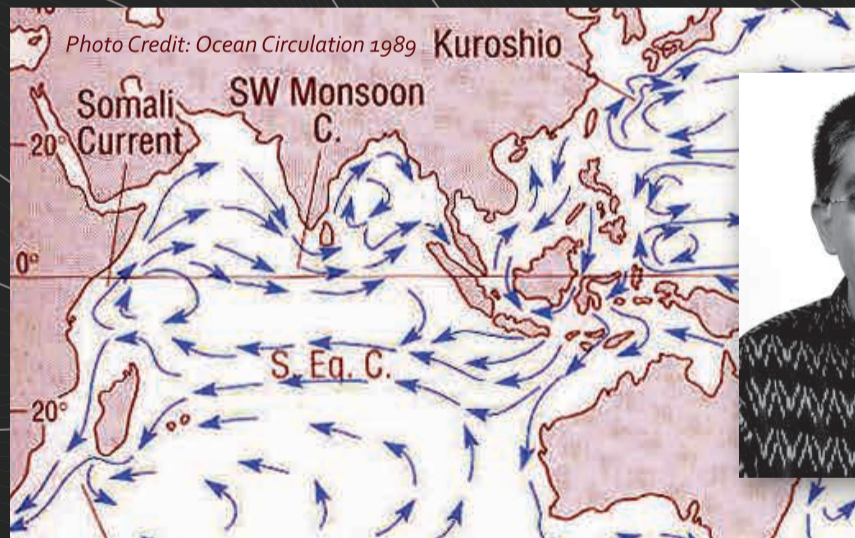
**18 FEB, '24**  
*Sunday*  
**4pm - 8pm**

**Science**  
at the  
**Sabha**  
**2024**

**ANNA CENTENARY LIBRARY AUDITORIUM**  
*Kotturpuram, Chennai*

**DYNAMICS OF THE NORTH INDIAN OCEAN**  
**D. SHANKAR**

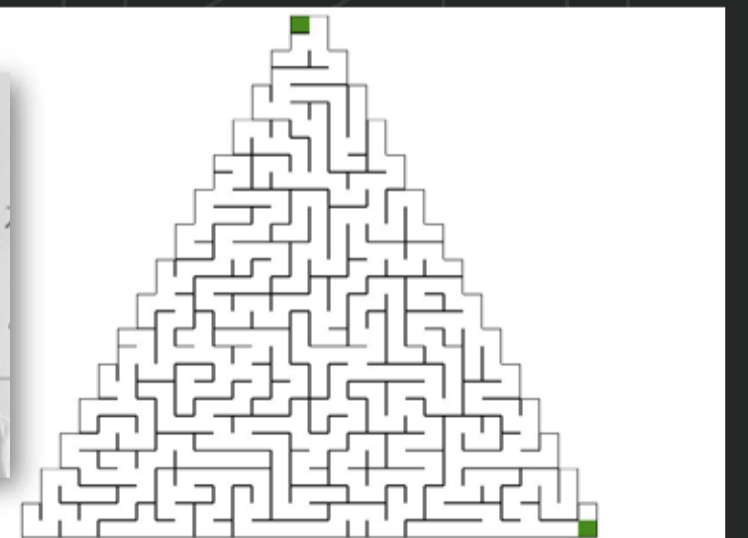
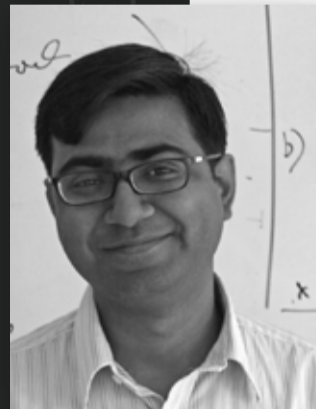
*CSIR-National Institute of Oceanography, Goa*



What do we know about the circulation of the seas around India? In the past few decades, our understanding of the underlying dynamics has evolved. We will review this evolution and take a peek into the future.

**THE ART AND MATH OF PUZZLE SOLVING**  
**SAKET SAURABH**

*The Institute of Mathematical Sciences, Chennai*



We start by looking at some popular heuristic strategies to solve puzzles such as Sudoku. We will then draw connections between these strategies and a formal mathematical framework for studying heuristics.

NO SPECIAL KNOWLEDGE OF SCIENCE IS NECESSARY TO APPRECIATE THE TALKS. PARTICIPATION IS BY ONLINE REGISTRATION ONLY, WHICH IS FREE AND OPEN TO ALL.



@IMScChennai  
@SciSabha #SatS2024

**TO REGISTER:**

<https://www.imsc.res.in/triveni/>  
(or scan the QR code)

