

# PAVINARI (पविनारी)

## Lecture Series on Women Physicists



The **Gender in Physics Working Group (GIPWG)** of the Indian Physics Association (IPA) aims at co-ordinating national efforts towards gender parity in the Indian physics profession. As a part of this effort, the GIPWG has initiated **PAVINARI (पविनारी)**, a **public lecture series on eminent women physicists**, which intends to cherish the fantastic work of women scientists and to motivate the younger generations.

### PAVINARI-4 Overlooked for the Nobel: Lise Meitner and the discovery of fission



The fourth lecture of PAVINARI series will give a glimpse of the inspiring journey of Lise Meitner, a pioneer behind the discovery of nuclear fission. Her commendable grit and passion to Physics overcame prejudice, misogyny and lack of opportunities in establishing herself as one of the great scientists of the 20<sup>th</sup> Century.

#### Speaker: Prof. Amit Roy

(Joint IPA GIPWG PAVINARI - ASET Colloquium, TIFR)

Online event

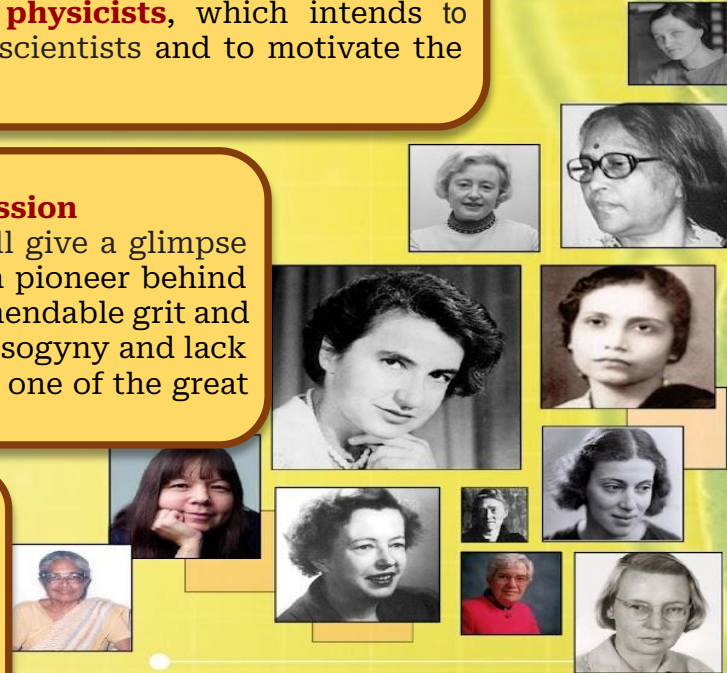
YouTube live: <https://youtube.com/live/nDRNIFmCyWc?feature=share>



4 PM, March 28, 2023



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# PAVINARI (पविनारी) Lecture 4

## Lecture Series on Women Physicists



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FORUM

### Overlooked for the Nobel:

#### Lise Meitner and the discovery of fission

Discovery of phenomenon of fission was a momentous discovery that certainly deserved the Nobel Prize. Despite being a central character in this discovery, Lise Meitner was overlooked for the Nobel and it was awarded to her collaborator Otto Hahn alone.

The journey of Lise Meitner from her early childhood to one of the great scientists of the 20th Century is a testimony to her grit and single minded devotion to Physics in overcoming prejudice, misogyny and lack of opportunities. In this talk I shall try to give a glimpse of her epic and awe inspiring journey.

### Speaker: Prof. Amit Roy

Amit Roy, a former Director of Inter-University Accelerator Centre, got his Ph.D. from TIFR, Mumbai. After continuing his research in experimental nuclear physics at TIFR till 1990, he shifted to IUAC where he led the building the Superconducting Linac at IUAC and pioneered the development of Niobium superconducting cavity for accelerators in India. He is a Fellow of the National Academy of Sciences, India and has received many accolades. His research interests are in Nuclear Physics, Accelerator Physics and Atomic Physics and he enjoys communicating science.

