



# 30th MID-YEAR MEETING

**INDIAN ACADEMY OF SCIENCES**


28-29 June 2019


Satish Dhawan Auditorium, CSIC Building,  
IISc, Bengaluru


## PUBLIC LECTURE

# THE FOUR PREHISTORIC MIGRATIONS THAT SHAPED INDIAN DEMOGRAPHY AND POPULATION STRUCTURE

 **Tony Joseph, Author/Former Editor, Businessworld, New Delhi**

 **Friday, 28 June 2019**

 **1800–1900**

 **Satish Dhawan Auditorium,  
CSIC Building, IISc, Bengaluru**

Recent advances in population genetics, especially in sequencing DNA from people who lived thousands or tens of thousands of years ago, have brought much clarity to how populations were formed in many parts of the world, from Europe to the Americas to south-east Asia to South Asia. This lecture will combine evidence from these ancient DNA studies along with findings from other disciplines including archaeology and linguistics, to try to paint a cohesive picture of the way Indian population was formed out of four major migrations: the Out-of-Africa migrants who reached India around 65,000 years ago; the West-Asian migrants from the Zagros region of today's Iran who arrived around 9000 years ago; the East-Asian migrants who brought Austro-Asiatic languages to India around 4000 years ago; and the migrants from the central Asian Steppes who brought Indo-European languages to India between 4000 and 3000 years ago. There were a number of other migrations that added to this genetic pool, but in a comparative sense, they left very little mark on the Indian demography. The speaker will draw on the recently published book written by him, called 'Early Indians' and will also touch upon the questions that are yet to be answered relating to Indian demography and population structure.

*Prof. Partha P Majumder will chair*

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