Meet Indian Physicists

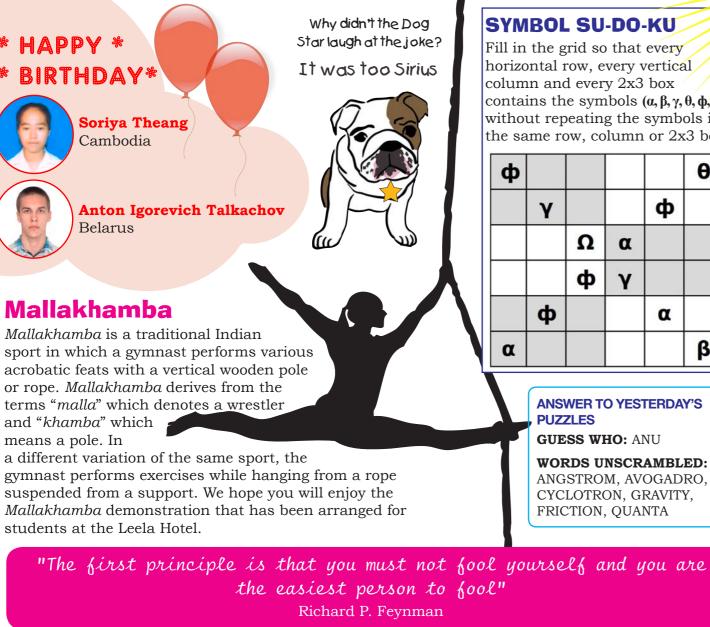
Homi Jehangir Bhabha: Visionary and Pioneer (1909 – 1966)



Homi Jehangir Bhabha was one of India's most eminent nuclear physicists. Bhabha was born and did his schooling in Mumbai. Mathematics and theoretical physics intrigued him and the pursuit of his passion led him to a doctorate in nuclear physics in 1933. In recognition of his significant contributions to the field of quantum mechanics, cosmic rays and elementary particles, Homi Bhabha was elected Fellow of the Royal Society (London) in 1941.

He was instrumental in setting up prestigious research centres in India like the Tata Institute of Fundamental Research (TIFR), Bhabha Atomic Research Centre (BARC), and Cosmic Ray Research Unit at Indian Institute of Science in Bengaluru. Colloquially known as "Father of the Indian Nuclear Programme", Bhabha was appointed Chairman of the International Atomic Energy Commission in 1948 and also represented

India in IAEA conferences, and served as President of the United Nations Conference on the Peaceful Uses of Atomic Energy in Geneva, Switzerland (1955). Being the multi-faceted personality he was, he also dabbled in art and music; was a painter and a classical music and opera enthusiast, besides being an amateur botanist!



SYMBOL SU-DO-KU

Fill in the grid so that every horizontal row, every vertical column and every 2x3 box contains the symbols $(\alpha, \beta, \gamma, \theta, \phi, \Omega)$ without repeating the symbols in the same row, column or 2x3 box.

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	γ			ф	
		Ω	α		
		ф	γ		
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α					β

ANSWER TO YESTERDAY'S

WORDS UNSCRAMBLED: ANGSTROM, AVOGADRO, CYCLOTRON, GRAVITY, FRICTION, QUANTA

Today's Attraction (Leaders) Tour of South Mumbai

11 4040 40400

T You will be visiting the southern most precinct of Mumbai city today. South Mumbai hosts the main business headquarters of numerous multinational companies as also the Reserve Bank of India and the Bombay Stock Exchange. A striking feature of South Mumbai is its architecture. Some of the finest heritage buildings of the colonial era influenced by the Victorian-Gothic style of architecture can be seen here. During the tour, you will also see the "Gateway of India", a monument located at the sea front, which historically and symbolically served as an entrance to India. You will notice that South Mumbai has no auto-rickshaws, unlike the rest of the city. Only black and yellow taxis/cabs and private cabs are permitted in this region.

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The Chhatrapati Shivaji Maharaj Vastu Sangrahalaya is a premier art and history museum in Mumbai. The museum building itself is an example of the Indo-Saracenic style of architecture. This heritage building has a world-class art collection, rotating exhibits, outreach and educational programmes, and one can endlessly wander through the galleries of the museum!

South Mumbai is a paradise for street shoppers. The Colaba causeway officially known as Shahid Bhagat Singh Road, has numerous street vendors who sell scarves, clothes, shoes, sandals, sarongs, silver jewellery and ornaments. But be warned, unless you are a great bargainer, it is advisable to shop from government Emporia or Fixed Price shops to ensure quality and reasonable prices. Do be careful when street shopping, since you can be conned with fake goods. For those who love food, this place also has a plethora of multi-cuisine restaurants!

Enjoy a day of walking, sight-seeing, shopping and eating!

Today@IPhO

INTERNATIONAL PHYSICS OLYMPIAD

2015 MUMBAL - INDIA

Leaders: Sightseeing at South Mumbai Departure at 0830 hrs

Students: Experimental Exams at the Bombay Convention & Exhibition Centre, Goregaon Departure at 0800 hrs

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