

## ABOUT THE ICTP PRIZE SCULPTURE

The ICTP Prize sculpture consists of a plaque emerging out of stone, symbolizing the emergence of new, refined knowledge. The stone base is made of Aurisina marble, which has been quarried in the vicinity of Trieste for more than 2000 years. The special kind of stone and the waves represent Trieste's setting between the karstic hills and the sea.



## 2022 ICTP PRIZE CEREMONY

21 June 2023, 14:00

Budinich Lecture Hall

## PROGRAMME

## THE 2022 ICTP PRIZE

### ICTP has awarded its 2022 ICTP Prize to

**Shant Baghram**  
Sharif University of Technology  
Tehran, Iran

**and**

**Mohammad Hossein Namjoo**  
Institute for Research in Fundamental Sciences (IPM)  
Tehran, Iran

“For their pioneering contributions to developing robust theoretical, computational and statistical frameworks to compare theoretical predictions for various cosmological and astrophysical phenomena with high-precision observational data.”

Each year, the ICTP Prize is given in honour of a scientist who has made outstanding contributions to the field in which the prize is given. This year's ICTP Prize is in honour of Russian physicist Valery Rubakov for his fundamental contributions at the interface of particle physics and cosmology.

## 2022 ICTP PRIZE CEREMONY PROGRAMME

Welcome remarks, Atish Dabholkar  
Director, ICTP

H.E. Mr. Ahmad Pakatchi,  
Ambassador, Permanent Delegate of the Islamic Republic of Iran to UNESCO

Introductory remarks, Marko Simonović  
CERN, Switzerland

### 2022 ICTP Prize Lectures

**Shant Baghram**

**Large Scale Structure of the Universe:  
Beyond the Standard Model of Cosmology**

**Mohammad Hossein Namjoo**

**Probing the Primordial Universe Using Heavy Particles**