



**SCIENTIFIC
PROGRAM**

INTERNATIONAL WEBINAR ON ASTRONOMY, ASTROPHYSICS AND SPACE SCIENCE

August 09-10, 2021

**THEME: ASTRONOMY, ASTROPHYSICS, AND SPACE SCIENCE -
DYNAMIC AND RAPIDLY EVOLVING FIELDS**

<https://conferencemind.com/conference/astrophysicsandspacescience>

ORAL SESSION I

TITLE: ON THE ROLE OF LIGHT SPEED IN DEVELOPING QUANTUM MODELS OF COSMOLOGY

U.V.S. SESHAVATHARAM
Honorary faculty, I-SERVE, India

11:00 -11:30 PM



TITLE: RESONANT THz GENERATION BY TWO LASERS IN PLASMA

NITI KANT
Lovely Professional University, India

11:30 -12:00 PM

TITLE: ENTIRE UNIVERSE ORIGINATED FROM RADIOACTIVE DECAY PROCESS

A. SABINA PARVEEN
Syed Ammal Engineering College, INDIA

12:00 -13:00 PM



TITLE: QUADRUPLE BELTRAMI STATE IN ELECTRON-DEPLETED MULTI-ION DUSTY PLASMAS

SABA MAJEED GONDAL
University of Engineering and Technology Lahore, PAKISTAN

13:00 -13:30 PM



TITLE: NEW PRESENTATION OF GRAVITATIONAL WAVES OF THE PLANETS NEAREST TO EARTH AND EXPERIMENTAL POSSIBILITIES OF THEIR MEASUREMENT

VALENTYN NASTASENKO
Kherson State Maritime Academy, UKRAINE

13:30 -14:00 PM

TITLE: UNIFICATION OF GRAVITY AND ELECTROMAGNETISM

MOHAMMED A. EL-LAKANY
Cairo University, EGYPT

14:00 - 14:30 PM



TITLE: ELECTROMAGNETIC EFFECTS ON POLYTROPES IN $f(R)$ GRAVITY

ZOHA TARIQ
University of the Punjab, PAKISTAN

14:30 -15:00 PM



**TITLE: ANALYSIS OF WAVE DYNAMICS IN COMPLEX MAGNETIZED
DUST MOLECULAR CLOUDS IN EXTREME FUGACITY CONDITIONS**

**PRALAY KUMAR KARMAKAR
Tezpur University, INDIA**

15:00 -15:30 PM

**TITLE: STUDY OF THE THERMODYNAMICS OF A PHENOMENOLOGICAL
DARK ENERGY MODEL IN $f(T)$ MODIFIED GRAVITY FRAMEWORK WITH
CORRECTED ENTROPIES**

**SURAJIT CHATTOPADHYAY
Amity University, INDIA**

15:30 - 16:00 PM



**TITLE: SPACE-BASED APPLICATIONS IN AGRO-ECOLOGICAL
STUDIES FOR SUSTAINABLE AGRICULTURE**

**G.P. OBI REDDY
ICAR-National Bureau of Soil Survey and Land Use Planning, INDIA**

16:00 -16:30 PM



TITLE: STUDY OF PLUTO'S ATMOSPHERE BASED ON STELLAR OCCULTATION LIGHT CURVE

ATILA PORO

The International Occultation Timing Association Middle East section, Iran

16:30 -17:00 PM

TITLE: MAGNETIC AND FLARE ACTIVITY OF K-TYPE DWARF BINARIES

HADIS GOODARZI

Institute for Research in Fundamental Sciences (IPM), Iran

17:00 -17:30 PM



TITLE: IDENTIFICATION OF UNIVERSAL CONSTANT FOR ESTIMATING TIME

SAHRIAR AHAMED

Individual Researcher, Bangladesh

17:30 -18:00 PM



TITLE: MODERN ASTRONOMY AND BIG DATA FROM SPACE

A. M. MICKAELIAN

Byurakan Astrophysical Observatory (BAO), Armenia

18:00 -18:30 PM

SESSION ADJOURNMENT