



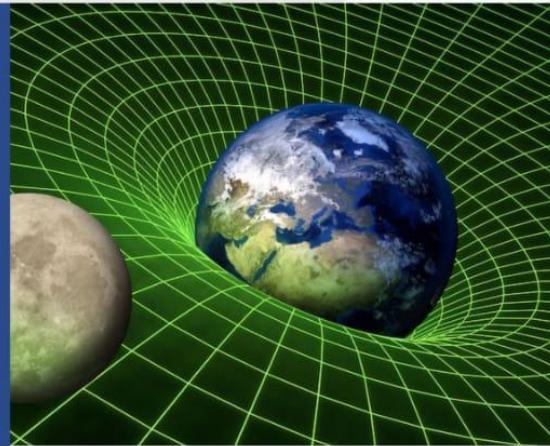
UMT



International Symposium on Extended Theory of Gravity and Stellar Evolution

Date: May 20, 2024

Time: 9:30 am - 3:30 pm



Extended theories of gravity typically aim to address shortcomings or limitations of General Relativity, such as the need for dark matter and dark energy to explain certain astronomical observations. These theories often propose modifications to gravity at large scales or in extreme conditions, such as those found in the vicinity of black holes or during the early universe. Stellar evolution, on the other hand, deals with the life cycles of stars, from their formation in stellar nurseries to their eventual demise as white dwarfs, neutron stars, or black holes. Understanding how stars evolve and the factors that influence their evolution is crucial for the dynamics of galaxies and the universe as a whole.

The symposium focusing on the intersection of two fields would likely cover a wide range of topics, including:

- Alternative Theories of Gravity
- Astrophysics and Cosmology
- Stellar Evolution
- Galaxy Cluster
- Dark Matter and Dark Energy

For registration and queries, contact

Dr. Syed Ali Mardan Azmi at ali.azmi@umt.edu.pk
+923217225203.

Registration Deadline: 15 th May 2024

Registration Confirmation: 16 th May 2024

Registration link: <https://docs.google.com/forms/d/e/1FAIpQLSdpNDW4ux70UKp1LY2wWgtGKBX-f1FiRxIXBovZE-I9FQ3Hbw/viewform?vc=0&c=0&w=1&flr=0>

**Department of Mathematics, School of Science
University of Management and Technology (UMT)-Lahore**

Chief Organizer:

Prof Dr Sammia Shahid
Dean, School of Science, UMT

Principal Organizers:

Dr Muhammad Javaid, Chairman, Department of Mathematics, School of Science, UMT, Lahore.

Dr Rubab Manzoor, Department of Mathematics, School of Science, UMT, Lahore

Dr Saadia Mumtaz
University of the Punjab, Lahore

Convener:

Dr Syed Ali Mardan Azmi, UMT, Lahore.

Keynote Speakers:

Prof Dr Muhammad Sharif
University of Lahore Pakistan

Prof Dr Ahmedov Bobomurat, Ulugh Beg Astronomical Institute (Al) Uzbekistan.

Prof Dr Bamba Kazuharu
Fukushima University, Japan

Invited Speakers:

Dr Muhammad Zubair, COMSATS University Islamabad, Lahore Campus, Pakistan

Dr Zeeshan Yousaf, University of the Punjab, Lahore, Quaid-i-Azam Campus, Lahore Pakistan

Dr Sehrish Iftikhar, Lahore College for Women University, Lahore, Pakistan

Dr Ifra Noureen, Government College for Women University, Faisalabad, Pakistan.

Organizing Committee:

Ms Sana Saleem, UMT, Lahore.

Muhammad Awais (PhD student) UMT , Lahore.

Wasee Shahid, (PhD student) UMT Lahore.

Ms Aneesa Zulfiqar, (Ms student) UMT, Lahore.

Venue: Saleem Asghar Ali Hall, UMT.

Event Glimpses



For More Details:

- <https://events.umt.edu.pk/EventDetails.aspx?EID=8995>