



UMT

7th International Symposium on Extended Theory of Gravity and Stellar Evolution

Date: Jan 30th, 2026

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 at
israr.aslam@umt.edu.pk

Registration:

Registration link: <https://forms.gle/txJonP3VAZ5AEq3h9>

Venue: Saleem Asghar Ali Hall, UMT.

Chief Organizer:

Prof Dr Muhammad Imran Jamil
Dean, School of Science, UMT-Lahore

Prof Dr Muhammad Javaid
Chairperson, Department of Mathematics-SSC,
UMT-Lahore

Conveners:

Dr. Rubab Manzoor, Associate Professor
Mathematics, School of Science, UMT, Lahore.

Dr. Syed Ali Mardan Azmi, Associate Professor

Keynote Speakers:

Prof Dr Muhammad Sharif
University of Lahore, Lahore-Pakistan

Prof Gonzalo Olmo, Instituto de Física
Corpuscular, Universidad de Valencia, Spain

Prof Jutta Kunz, Institute of Physics, University
of Oldenburg, Oldenburg, Germany

Dr Muhammad Zaeem-ul-Haq Bhatti,
University of the Punjab, Lahore, Quaid-i-Azam
Campus, Lahore Pakistan

Invited Speakers:

Dr Anam Zahra, VSB Technical University Ostrava,
Czech Republic

Dr Rabia Saleem, COMSATS University
Islamabad, Lahore Campus, Pakistan

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

Dr Abdul Malik Sultan, Department of
Mathematics, University of Okara-Pakistan

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

Conference Secretary:

Dr Muhammad Israr Aslam, Assistant Professor

Ms Sana Saleem, Department of Mathematics-
SSC, UMT-Lahore

GLIMPSES OF EVENT







For More Details:

- [\(20+\) Facebook](#)