First Circular: International Conference on Relativistic Astrophysics

Lahore-Pakistan, February 10-14, 2015.

We are pleased to inform you that Department of Mathematics, University of the Punjab, Lahore, is organizing an International Conference on "Relativistic Astrophysics" to be held from 10-14 February, 2015. All the Relativists, Astrophysicists and Cosmologists are most cordially invited in this International Conference, celebrating "One Hundred Years of General Relativity" that was developed by Albert Einstein between 1907-1915, with contributions of many others afterwards.

ABOUT THE CONFERENCE:

The purpose of this International Conference on "Relativistic Astrophysics" is to provide effective floor to researchers for presenting their research findings and share knowledge as well as experience with each other. It will provide a platform to present the interests of Mathematical Physics through which they can exchange ideas, discuss concerns and inform the broader scientific achievements.

The main topics of the conference including some others will be: Astronomical observations; Cosmological implications of the God particle; Dark matter astrophysics; Dark energy; Electromagnetic process and properties; Fundamental aspects of astrophysics; High-energy astrophysics/astroparticle; Relativistic stars, structure, stability and oscillation; Cosmic acceleration;

Cosmic microwave background radiation; Inhomogeneous exact cosmologies; Large scale structures, Mathematical and relativistic aspects of cosmology; Observational cosmology including Hubble constant, distance scale, cosmological constant, early Universe; Theoretical cosmology; Black holes, mergers and accretion disks; Galaxy evolution; Measurements common to several branches of physics and astronomy; Neutron stars; Self-gravitating systems; Strong gravitational lensing; Alternative theories of gravity; Classical general relativity; Numerical studies of critical behavior, singularities and cosmic censorship; Strong-field tests of general relativity - other topics.

VENUE OF THE CONFERENCE:

The venue of the Conference is Department of Mathematics, University of the Punjab, Quaid-e-Azam Campus, Lahore. It is located in the downtown area of Lahore-Punjab, Pakistan. It is the oldest and largest public sector University in Pakistan with multiple campuses in Gujranwala, Jhelum, and Khanspur. The University was formally established by the British Government after convening the first meeting for establishing higher education institutions in October 1882 at Simla. Punjab University Library is one of the biggest libraries among the universities of Pakistan and has more than 500,000 collection of books, magazines and periodicals. This collection is in nine different national and international languages.
We intend to publish the conference proceedings to some well-reputed journal. Details will be provided later.

IMPORTANT DATES:

Notification of Conference Website : 5th May, 2014.
Last date for submission of abstract : 15th December, 2014.
Communication to selected candidates : 5th January, 2015.

LAST DATE FOR REGISTRATION : 15th December, 2014.

ORGANIZING COMMITTEE:

Muhammad Sharif-Chair (University of the Punjab, Pakistan),
Rong-Gen Cai (Chinese Academy of Sciences, China),
Ugur Camci (Canakkale Onsekiz Mart University, Turkey),

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Salvatore Capozziello (University of Naples Federico II, Italy),
Naresh K. Dadhich (IUCAA, India),
Luis Herrera (Central University of Venezuela, Venezuela),
Mustapha Ishak (University of Texas at Dallas, USA),
Philippe Jetzer (University of Zurich, Switzerland),
Malcolm A.H. MacCallum (Queen Mary University of London, UK),
Shiǹichi Nojiri (Nagoya University, Japan),
Sergei D. Odintsov (ICREA, Spain),
Asghar Qadir (NUST, Pakistan),
Alexei A. Starobinsky (Landau Institute for Theoretical Physics, Russia).