



Tentative Conference Schedule

February 10, 2015

Time	Tuesday Day-1
0815-0945	Registration
0945-1040	Opening Ceremony
1040-1125	Public Lecture
1125-1130	Group Photo
1130 – 1200	Tea Break

Plenary Session
February 10, 2015

Session Chair: Asghar Qadir

Time	Tuesday Day-1
1200-1245	Philippe Jetzer Gravitational Wave Detection from Space
1245-1330	Rong-Gen Cai A Holographic Model of p-wave Superconductor
1330-1415	Jameel-Un-Nabi First-Forbidden B-Decay Rates of Neutron-Rich Nuclei for Astrophysical Applications
1415-1530	Lunch/Prayer Break
1530-1720	Parallel Sessions

Parallel Session-I
February 10, 2015

Session Chair: Muhammad Sharif

Time	Tuesday Day-1
1530-1600	Ramzi Suleiman A Simple Relativistic Cosmology of the Universe
1600-1620	Zeeshan Yousaf Dynamical Instability of Relativistic Fluids in $f(R)$ Gravity
1620-1640	Muhammad Zaeem Ul Haq Bhatti Some Inhomogeneity Factors in Self-gravitating System
1640-1700	Sehrish Iftikhar Dynamics of Thin-Shell for a String Cloud
1700-1720	Abdul Jawad Analysis of Generalized Ghost Pilgrim Dark Energy in Non-flat FRW Universe

Parallel Session-II
February 10, 2015

Session Chair: Ghulam Shabbir

Time	Tuesday Day-1
1530-1600	Muhammad Ayub Lie Algebras and Linearizations
1600-1620	Yousaf Khan Developing Theoretical Relativistic Framework for Research in Open and Flexible Learning: A New Trend In Educational Research
1620-1640	Muhammad Usman Dark Energy from Two Higgs Doublet model (2HDM)
1640-1700	Asif Ali Electron Radial Phase Space Density and Characteristic Signatures of Radial or Local Acceleration
1700-1720	Maqbool Ahmed Is Negative Dark Energy a Quantum Effect?

Plenary Session
February 11, 2015

Session Chair: Ugur Camci

Time	Wednesday Day-2
0930-1015	Anzhong Wang Precision Cosmology and Detectability of Quantum Gravitational Effects from the Early Universe
1015-1045	Ghulam Abbas Relativistic Gravitational Collapse in Electromagnetic Theory
1045-1115	Azad A. Siddiqui Existence of Double-Null Form for (3+1)-Dimensional Spacetimes
1115-1145	Tea Break
1145-1230	Emmanuel Saridakis Introduction to Torsional, Teleparallel and f(T) Gravity, and their Cosmological Applications
1230-1315	Graham S. Hall Symmetries, Orbits and Isotropy in General Relativity Theory
1315-1445	Lunch/Prayer Break
1445-1655	Parallel Sessions
1930-2200	BANQUET

Parallel Session-I
February 11, 2015**Session Chair: Jameel-Un-Nabi**

Time	Wednesday Day-2
1445-1515	Ibrar Hussain Symmetries of the Geodesic Lagrangian in Bianchi type V Spacetimes
1515-1535	Muhammad Azam Thin Shell Wormhole in Born-Infeld Electrodynamics with Modified Chaplygin Gas
1535-1555	Muhammad Zubair Energy Constraints on Modified Theories Involving Non-Minimal Matter-Geometry Coupling
1555-1615	Rubab Manzoor Dynamical Stability of Stars in Brans-Dicke Gravity
1615-1635	Bushra Majeed Geodesics of Particle around Reissner-Nordstrom Spacetime Surrounded by Quintessence
1635-1655	Zahida Ehsan Oscillations in Fully Degenerate Pair and Warm Pair-ion Astrophysical Plasmas

Parallel Session-II

February 11, 2015

Session Chair: Khalid Saifullah

Time	Wednesday Day-2
1445-1515	Fazeel Mahmood Khan Coalescing Supermassive Black Hole Binaries-promising Sources of Gravitational Waves
1515-1535	Suleman Khalid Hawking Radiations of Scalar Particles and Charged Fermions Tunneling from Accelerating and Rotating Black Holes
1535-1555	Jamil Ahmed Hawking Temperature of Rotating Charged Black Strings from Tunneling
1555-1615	Wajiha Javed Hawking's Phenomena of Black Hole Radiation
1615-1635	Mudassar Sabir Information Loss Paradox in Black Holes
1635-1655	Umber Sheikh Timelike and Spacelike Matter Inheritance Vectors in Specific Astrophysical Fluids

Parallel Session-III

February 11, 2015

Session Chair: Muhammad Jawed Iqbal

Time	Wednesday Day-2
1445-1515	Ifra Noreen On Dynamical Instability of Spherical Star in $f(R,T)$ Gravity
1515-1535	Kashif Arshad Kinetic Vortices in Non-Maxwellian Plasmas
1535-1555	Muhammad Arslan Bounds on Majoron Emission From Muon to Electron Conversion Experiments
1555-1615	Atif Arif Superluminal Dirac Type Equation
1615-1635	Umer Zubair Super Symmetric Hybrid Inflation in Super Symmetric SU(5)
1635-1655	Muhammad Usman Saleem Direction of Holy Kaaba, Diameter, Horizontal and Equatorial Coordinates of the Sun with the Help of Potable Homemade Device

Plenary Session
February 12, 2015

Session Chair: Philippe Jetzer

Time	Thursday Day-3
0930-1015	Asghar Qadir Radiative Corrections for Magnetic Field Seed Generation by a Kerr Black Hole in the Accretion Disc
1015-1100	Mohammad Akbar Solitonic Solutions of the Ricci flow, Einstein-Scalar Field Theory and Vacuum Axially Symmetric Static Metrics
1100-1130	Khalid Saifullah Spin-3/2 fields and the C-metric
1130-1200	Tea Break
1200-1230	Zahid Ahmad Cylindrical Gravitational Collapse of an Anisotropic Non-dissipative Fluid
1230-1315	Luis Herrera Gravitational Radiation within its Source
1315-1400	Lunch/Prayer Break
1400-1800	EXCURSION

Plenary Session
February 13, 2015

Session Chair: Kazuharu Bamba

Time	Friday Day-4
0930-1015	Malcolm A.H. Maccallum Spacetime Invariants and their Uses
1015-1100	Ugur Camci Noether Gauge Symmetries in Some Gravity Theories
1100-1130	Ghulam Shabbir Proper Projective Symmetry and Rank of the Riemann Tensor
1130-1200	Tea Break
1200-1245	Salvatore Capozziello Hydrostatic Equilibrium and Stellar Structure in $f(R)$ Gravity
1245-1445	Lunch/Prayer Break
1445-1655	Parallel Sessions

Parallel Session-I
February 13, 2015**Session Chair: Mohammad Akbar**

Time	Friday Day-4
1445-1515	Isil Basaran Oz Noether Gauge Symmetries of Bianchi I Spacetimes in Scalar-Coupled Gravity Theories
1515-1535	Rabia Saleem Logamediate Brane and Warped DGP Inflationary Universe Model
1535-1555	Muhammad Ali Shahbaz Generalized Higgs Inflation
1555-1615	Muhammad Nisar Inflationary Cosmology
1615-1635	Muhammad Jamil Amir Teleparallel Killing Vectors of Bertotti-Robinson Metrics-I, II using Diagonal and Non-Diagonal Tetrad Fields
1635-1655	Shamaila Rani Reconstruction Scenario in $f(T)$ Gravity

Parallel Session-II**February 13, 2015****Session Chair: Mubasher Jamil**

Time	Friday Day-4
1445-1515	Sarfraz Ali Ricci Dark Energy of Amended FRW Universe in Chern-Simon Modified Gravity
1515-1535	Rafil Riaz Star Formation Process–Tracing the Path of Evolution for Low-Mass Proto-Stars
1535-1555	Ayub Faridi Scalar and Electromagnetic Waves Scattering from Schwarzschild Black Hole
1555-1615	Anam Khalid Zero Age Main Sequence Star Modeling Using Statstar Code
1615-1635	Maria Naem Finite Temperature Effects on QED Interactions in Early Universe

Plenary Session
February 14, 2015

Session Chair: Martin Dominik

Time	Saturday Day-5
0930-1015	Martin Dominik Gravitational Microlensing-Probing Populations of Celestial Bodies over Nine Decades in Mass
1015-1100	Kazuharu Bamba Cosmological Issues in F(T) Gravity Theory
1100-1130	Mubasher Jamil Charged Particle Dynamics around Black Holes
1130-1200	Tea Break
1200-1230	Muhammad Jawed Iqbal Impact of Solar Spin on Planetary Orbits
1230-1330	Closing Ceremony
1330	Lunch