



**LAHORE UNIVERSITY OF MANAGEMENT SCIENCES**  
**Centre for Advanced Studies in Mathematics**

**SUMMER CONFERENCE IN MATHEMATICS-2005**  
**(July 18-19, 2005)**

**July 18, 2005 (Monday)**

<b>Sr.</b>	<b>Time</b>	<b>Topics and Speaker</b>
1.	8:30-9:00	<b>Registration</b>
2.	9:00-10:00	<i>Matrix Elements of 3-dimensional Lorentz Group in Terms of Axis and Angle of Rotation</i> <b>Ansaruddin Syed</b> Balochistan University of Information Technology & Management Sciences, Quetta.
3.	10:00-10:30	<i>On Certain Relationship between Positive and Negative Moments</i> <b>Kalsoom Akhtar Chaudhry</b> Kinnaird College for Women, Lahore.
4.	10:30-11:00	<i>The Fourth Isomorphism Theorem for Near Rings</i> <b>Sarwar J. Abbasi</b> University of Karachi, Karachi.
5.	11:00-11:30	Tea Break
6.	11:30-12:30	<i>Unsteady Couette flows with variable material properties</i> <b>Saleem Asghar</b> Comsats Institute of Information Technology, Islamabad.
7.	12:30-13:00	<i>Family of Non-Central Transformed Chi-Square Distribution</i> <b>Ghazala Waheed</b> Government College, Multan.
8.	13:00-13:30	<i>Symmetries of 2<sup>nd</sup> order ordinary differential equations</i> <b>Muhammad Ayub</b> University of Azad Jammu and Kashmir, Muzaffarabad
9.	13:30-15:00	Prayer & Refreshment Break
10.	15:00-16:00	<i>The Propagation of Pulse in Sea Water</i> <b>Aftab Khan</b> Karakorum International University, Gilgit..
11.	16:00-16:30	<i>Existence of Fixed Points of Weakly Inward Multi-valued Maps on a Convex Metric Space</i> <b>Mujahid Abbas</b> Government Post Graduate College, Sahiwal.
12.	16:30-17:00	Tea Break
13.	17:00-18:00	<i>A Classical Challenge to The Universality of Newton's Law of Gravitation.</i> <b>Aman Ullah</b> University of Azad Jammu and Kashmir, Muzaffarabad.
14.	18:00-18:30	<i>Role of Mathematics in Reliability analysis: use of Reliability Engineering in Development and Manufacturing of Electronic Parts</i> <b>Muhammad Asif</b> Advanced Engineering Research Organization.



**LAHORE UNIVERSITY OF MANAGEMENT SCIENCES**  
**Centre for Advanced Studies in Mathematics**

**SUMMER CONFERENCE IN MATHEMATICS-2005**  
**(July 18-19, 2005)**

**July 19, 2005 (Tuesday)**

<b>Sr.</b>	<b>Time</b>	<b>Topics and Speaker</b>
15.	9:00-10:00	<i>3D partitions and Geometry</i> <b>Amer Iqbal</b> University of Washington, USA & School of Mathematical Sciences, Lahore
16.	10:00-10:30	<i>Ratio and Regression in Multiphase Sampling</i> <b>Munaza Bajwa</b> Kinnaird College for Women, Lahore.
17.	10:30-11:00	<i>On Some Calenderical aspects of Earliest Visibility of Lunar Crescents</i> <b>Muhammad Shahid Qureshi</b> University of Karachi, Karachi.
18.	11:00-11:30	Tea Break
19.	11:30-12:30	<i>Groups of Matrices</i> <b>Abdul Majeed</b> University of the Punjab, Lahore.
20.	12:30-13:30	<i>Improved polynomial approximation for an analytic function</i> <b>Faiz Ahmad</b> King Abdul Aziz University, Saudi Arabia.
21.	13:30-15:00	Prayer & Refreshment Break
22.	15:00-17:00	<b>PANEL DISCUSSION:</b> <b><u>TEACHING OF CALCULUS: A Challenge of 21<sup>st</sup> Century</u></b>  <i>Panelists:</i> Mohammad Amin                      Nawab Din                      Ashraf Iqbal Mohammad Kalim                      Khalid Latif Mir                      Bashir Sadiq  <b>Moderator:</b> Muhammad Aslam Butt