

**ABDUS SALAM SCHOOL OF MATHEMATICAL SCIENCES (ASSMS)
AND
NATIONAL CENTRE FOR MATHEMATICS(NCM)
GC UNIVERSITY, LAHORE**

invite you to participate in

P-adic Analysis and Valuation Theory
(Research Seminar)

GROUP LEADER:

DR. GHIOCEL GROZA, DR. SEVER-ANGEL POPESCU

The Seminar addresses several research areas in *P-adic* Analysis and Valuation Theory. Most recent research and new ideas in the field are discussed in a relaxed and very open atmosphere. The Seminar is highly recommended for Ph.D/M.Phil students as well as for intelligent university faculty.

PROGRAM

Lecture: 02:30 PM to 04:00 PM
Refreshment: 04:00 PM

DATE	PRESENTER	TOPIC
12.11.2007	Mohib Ali Khan	Algebra and Topology of \mathbf{Z}_p (<i>p</i> -adic integers)
17.11.2007	Sobia Sultana	Topological groups & rings, Closed subgroups of \mathbf{Z}_p (<i>p</i> -adic integers), Valued Fields
19.11.2007	Azeem Haider	Projective Limits of topological groups & rings, \mathbf{Z}_p (<i>p</i> -adic integers) as projective limits of $\mathbf{Z}/p^n\mathbf{Z}$
24.11.2007	Asim Naseem	Introduction to Henselian Fields
26.11.2007	Mohib Ali Khan	\mathbf{Q}_p (<i>p</i> -adic numbers) & Hensel's Philosophy
01.12.2007	Sobia Sultana	Ordered Abelian Groups & Construction of Valuations
03.12.2007	Azeem Haider	Ultrametric principles in abelian groups, Representation Theorem, General form of Hensel's Lemma
08.12.2007	Asim Naseem	Discrete valued fields of finite rank

VENUE:

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