

**National Center for Mathematics
&
Abdus Salam School of Mathematical Sciences**

invite you to participate in

**WORKSHOP
ON
INTEGRAL OPERATORS IN FUNCTION SPACES**

LEADER:

Alexander Meskhi

(A. Razmadze Mathematical Institute, Tbilisi, Georgia)

OTHER RESOURCE PERSONS:

U. Ashraf, M. Asif and M. Sarwar

PROGRAM

TIME: 12 00 Hours – 13 00 Hours

Date & Day	Title
6 Nov. 2008, Thursday	Hilbert transforms
7 Nov. 2008, Friday	Calderon-Zygmund Lemma
8 Nov. 2008, Saturday	Kolmogorov's theorem
10 Nov. 2008, Monday	Riesz potentials
11 Nov. 2008, Tuesday	Hardy-Littlewood - Sobolev Theorem
13 Nov 2008, Thursday	Hardy inequality
14 Nov 2008, Friday	Spaces of Homogeneous type
17 Nov 2008, Monday	Maximal functions of SHT
18 Nov 2008, Tuesday	Potentials on SHT
20 Nov 2008, Thursday	Homogenous groups. Differential Operators on HG
21 Nov 2008, Friday	Function Spaces with non-standard growth
24 Nov 2008, Monday	Maximal operators in $L^{p(\cdot)}$ spaces
25 Nov 2008, Tuesday	Convolutions

VENUE:

**ABDUS SALAM SCHOOL OF MATHEMATICAL SCIENCES
35 C/II, M. M. Alam Road, Gulberg III, Lahore.
Phone: 042 - 9263018**