

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

invite you to participate in

Research School on Differential Geometry

PREPARATORY PART

by

DR. CĂTĂLIN LIVIU GHERGHE

Starting Date: November 26, 2007
Ending Date: December 22, 2007
Lectures: 10:00 AM – 11:30 AM (Monday, Wednesday, Friday)
Problems Session: Tuesday, Thursday

ADVANCED TOPICS AND RESEARCH PROBLEMS

by

DR. SC. HONG VAN LE

Starting Date: December 27, 2007
End of School: January 12, 2008
Lectures: 09:00 AM – 10:30 AM (everyday)
Problems Session: 02:00 PM – 03:30 PM (everyday)

First a detailed exposure of a number of major topics from the field will be given in an interactive lectures form. This will include minimal surfaces, a detailed discussion on differentiable manifolds and related topics, fibre bundles, differential forms, de Rham cohomology, Lie derivative, distribution, integrability, connections, geometric structures, Lie groups and other structures related with physical sciences. The school is carried out in “hands on work” style.

A good number of open problems will be discussed. The problems are carefully selected so that they can serve as research projects for the Ph.D students.

VENUE:

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