Center for Mathematical Sciences (CMS)

ROMES Seminar Series

Prof. Dr. Asghar Qadir

Abdus Salam School of
Mathematical Sciences (ASSMS)
GC University, Lahore

Title of Talk:

THE BEAUTY AND "UNREASONABLE" APPLICABILITY OF MATHEMATICS

FEBRUARY 22, 2023
(WEDNESDAY)
AT 1:45PM
LYCEUM HALL
BLOCK-A
PIEAS, ISLAMABAD

Prof. Dr. Asghar Qadir is a Pakistani mathematician and a prominent cosmologist, specialized in Mathematical Physics and Physical Cosmology. He is considered as one of the top mathematicians in Pakistan. He is a distinguished student of English mathematical physicist Roger Penrose. He made extraordinary efforts and published numerous papers in the fields of Mathematical Physics, Cosmology and Mathematics. Prof. Qadir is an author of the 12 books. In 1963, Prof. Qadir attended the University of London and received his BSc(Hons) in Mathematics from the University of London in 1967 under the direction of mathematician, Professor Oliver Penrose. He pursued his MSc in Mathematics, followed by PhD in Mathematical Physics and Theory of Relativity with the specialization in Twistor Theory, under the supervision of Roger Penrose in 1971. He pioneered the mathematical contributions to the development of Special Relativity and the Twistor Theory, which is the approach to the problems of fundamental Physics pioneered by Roger Penrose.

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Abstract

After a general introduction to what Mathematics is not, he will briefly state what it is. It might appear that there is no room for beauty in what is supposed to be the dry subject of Mathematics. He will give some examples of the beauty of Mathematics and lead on to various aspects of Mathematics that you might find unexpected, and show you how mind boggling it can be --- not in a way that you can't understand, but that you can. There is a very famous saying by a very famous physicist, Eugene Wigner, about the "unreasonable" applicability of Mathematics. He will argue that there is nothing so unreasonable about its applicability.