

Qadir Asghar



Position: Professor and Director

Centre for Advanced Mathematics and Physics

Period covered: 2009/10

I. Scientific Work

A. Research Papers:	Math./Phys.	(foreign journals)	140;
	"	(local journals)	03;
	Economics	(foreign journals)	01;
	"	(local journals)	15;
	Math./Phys.	(Int. Conf. Proc.)	20;
	Economics	(Loc. Conf. Proc.)	03.
B. Books authored/edited:			16.
C. Research level articles published:			24.
D. Teaching journal papers:			07.
E. Popular articles:			32.
F. Research preprints:			45.

II. Conferences and educational activities

Conferences and Other External Scientific Works:

- (i) Sixth Sino-Italian Conference, June 29-July 1, 2009 – Pescara;
- (ii) Second Joint Italian-Pakistani Workshop on Relativistic Astrophysics, July 8 – 10, 2009, Pescara;
- (iii) MG 12, Paris, July 12 – 18, 2009;
- (iv) 2nd Galileo - Xu Guangqi Meeting, July 12-18, 2010 Ventimiglia and Nice;
- (v) International Scientific Spring, March 01 - 06, 2010, National Centre for Physics, Islamabad, Pakistan;
- (vi) Various other National Conferences and numerous seminars at various places in various countries.

Work With Students:

- (i) Directing the Centre for Advanced Mathematics & Physics of the National University of Sciences & Technology, H-12, Islamabad, Pakistan;
- (ii) Collaborated with six students of that Centre on Relativity, Astrophysics, Cosmology, Differential Equations, Special Functions;
- (iii) Worked with two students of the Department of Mathematics & Statistics of the King Fahd University of Petroleum & Minerals, Dhahran 31261, Saudi Arabia.

Diploma thesis supervision

Supervised 3 PhDs, supervising 4 PhDs and 2 MPhils.

Other Teaching Duties

Taught courses on Geometry, Electromagnetism, Mechanics.

III. Service activities

Within ICRANet:

Organized the Second Joint Italian-Pakistani Workshop on Relativistic Astrophysics, July 8 – 10, 2009 at Pescara.

III b. Outside ICRANet

Was involved in organizing several Workshops/Conferences in Pakistan, including the International Scientific Spring, March 01 - 06, 2010, National Centre for Physics, Islamabad, Pakistan and the 13th Regional Conference in Mathematical Physics at Antalya, Turkey, 26 – 31 October, 2010.

2010 List of Publications

"Approximate partial Noether operators of the Schwarzschild spacetime", I. Hussain, F.M. Mahomed and A. Qadir, J. Nonlin. Math. Phys. 17 (2010) 13–25.

"On Gauss-type quadrature rules", M.A. Bokhari, A. Qadir and H. Al-Attas, Numerical Functional Analysis and Optimization 10 (2010) 1120 - 1134.