

**I ITALIAN-PAKISTAN WORKSHOP ON  
RELATIVISTIC ASTROPHYSICS  
20-22 June, LECCE (ITALY)**

**PROGRAM – AULA F8**

**20 June – Wednesday**

9.30-10.00	F.De Paolis, A. Qadir, F. Strafella	<a href="#">Welcome address</a>
10.00-10.30	Fernando De Felice	<a href="#">Naked Singularities, Cosmic Time Machines and Impulsive Events</a>
COFEE BREAK		
11.00-11.30	Vahe Gurzadyan	<a href="#">On dark energy from vacuum fluctuations</a>
11.30-12.00	Philippe Jetzer	<a href="#">Solar system tests of the cosmological constant</a>
12.00-12.30	Asghar Qadir	<a href="#">Ultra-short Period Pulsars Revisited</a>
LUNCH		
15.30-16:00	Daniele Montanino	<a href="#">Supernova neutrino observation twenty years after SN1987A: status and perspectives</a>
16.00-16.20	Mubasher Jamil	<a href="#">Charged Particle Dynamics in the field of a slowly rotating Neutron star</a>
16.20-16.40	Daniele Vetrugno	<a href="#">Scintillation of gravitational waves passing through a stellar cluster</a>
16.40-17.00	Ibrar Hussain	<a href="#">Approximate symmetry methods and definition of energy in gravitational waves</a>
COFEE BREAK		
17.30-17.50	Ada Facchini	<a href="#">Planet around pulsars: formation and evolution</a>
17.50-18.10	Ylenia Maruccia	<a href="#">Solar system constraints on fourth- order gravity</a>

21 June – Thursday

9.30-10.00	Robert Jantzen	<a href="#">Kasner index parametrization and the speciality index</a>
10.00-10.30	Donato Bini	<a href="#">Strains and axial outflows in kerr black spacetime</a>
COFEE BREAK		
11.00-11.30	Alexander Zakharov	<a href="#">Observational evidences for black hole existence</a>
11.30-12.00	Achille Nucita	<a href="#">Relativistic Effects at the Center of the Galaxy</a>
12.00-12.30	Luigi Mancini	<a href="#">Gravitational lensing by the super massive black hole in the center of M31</a>
LUNCH		
FREE DISCUSSIONS		

22 June – Friday

9.30-10.00	Valerio Bozza	<a href="#">Extreme gravitational lensing by super massive black holes</a>
10.00-10.30	Sebastiano Calchi Novati	<a href="#">Galactic Microlensing</a>
COFEE BREAK		
11.00-11.30	Francesco De Paolis	<a href="#">Search of extrasolar planets by gravitational microlensing</a>
11.30-12.00	F. De Paolis, A. Qadir	Concluding remarks
LUNCH		