Black Holes, Gravitatio	Vorkshop 10: RJR60 Full Program July 15-20, 2002 Printed 25/07/2002 9.03.24
te of talk Time nday, 15	Participant Talk title
	Chair: S. Salvini
	All talks in Aula Amaldi - Physics Department - University of Rome "La Sapienza"
09:30	Opening Remarks
10:15	Coffee break
10:45	
	A Guided Tour Along The 4th, 5th - To 11th Dimensions, With Foreign Currency
11:55	Fang Li-Zhi
	Scaling of the Large Scale Structures of the Universe
12:30	Jantzen Robert
	Caught in the Relativity Web: My 30 Years Near Remo's World Line
13:00	Lunch
15:30	
	All talks in Aula Amaldi - Physics Department - University of Rome "La Sapienza"
15:30	Deruelle Nathalie
	Braneworld Cosmologies
16:10	
	The Discovery of Neutron Stars and Black Holes
16:50	Coffee break
17:20	
	Nonlocality of Accelerated Systems

Black Holes, Gravitational Waves and Cosmology

## Full Program July 15-20, 2002

18:40 Mosquera Cuesta Herman J.

Mass Tunneling in Brane World and Formation of Charged Black Holes

## 19:30 Banquet Palazzo Colonna - From Stazione Termini to Piazza Santi Apostoli 66 - Bus: 64 or 40 express

Get on at Stazione Termini (v.le Einaudi towards Piazza della Repubblica) Get off at Via Cesare Battisti, just before Piazza Venezia (to Piazza Santi Apostoli 66)

		Full Program July 15-20, 2002	Printed	25/07/2002	9.03.24
ate of talk	Time	Participant Talk title			
esday, 16					
		Chair: P. Giannone			
		All talks in Aula Amaldi - Physics Department - University of Rome "La Sapienza"			
	09:00	Opening Remarks			
	09:20	Teitelboim Claudio			
	00-25	Damour Thibault			
	09:35	Chaos and Symmetry in String Cosmology			
	10:35	Coffee break			
	11:10	Pizzella Guido			
		Gravitational Wave Experiments With Resonant Detectors			
	11:55	Ruffini Remo			
	12:20	Calzetti Daniela			
		The Impact of Dust in the Low and High Reshift Universe			
	12:50	Giavalisco Mauro			
		Galaxies At Very High Redshift			
	13:10	Lunch			
	15:00	Chair: F. Melchiorri			
		All talks in Aula Amaldi - Physics Department - University of Rome "La Sapienza"			
	15:00				
		The Observational Situation Of Grbs			

ICRA Network Workshop 10: RJR60

Black Holes, Gravitational Waves and Cosmology

## Full Program July 15-20, 2002

Date of talk Time	e Participant Talk title
16:	00 Tavani Marco
	Gamma-Ray Sources: A Challenge From Neutron Stars To Gamma-Ray Bursts
16	45 Coffee break
17:	10 Xue She Sheng
	Dyadosphere of black hole and Gamma Ray Bursts
17:	25 Bianco Carlo Luciano
	Clock synchronization in Gamma-Ray Bursts
17:	40 Chardonnet Pascal
	Connection between Black Holes, GRBs and UHECRs
18	10 Fraschetti Federico
	Problems On Spectrum In Gamma-Ray Bursts
18:	25 Arkhangelskaja Irene
	Modeling Temporal Profiles Of GRB In Fireball Model And Fractal Indexes Of These Temporal Profiles
18:	45 Pucacco Giuseppe
	Killing Tensors and Integrability of Geodesic Flows
19:	10 Sigismondi Costantino
	Enrico Fermi and the Comets
19	20 Bertone Gianfranco
	The Thomas-Fermi model as a powerful tool for Relativistic Astrophysics
19:	30 Hampai Dariush
	The Thomas-Fermi model as a powerful tool for Relativistic Astrophysics

	Gravitation	orkshop 10: RJR60 nal Waves and Cosmology Full Program July 15-20, 2002 Printed 25/07/2002 9.03.24
Date of talk	Time	Participant Talk title
/ednesday, 17		
	08:30	Schiaffini tour bus arrives at Hotel Galeno
	08:40	Bus arrives at hotel Regina Mundi
	08:50	Bus arrives at Hotel Globus Tulip Inn
	09:00	Departure for L'Aquila
	10:30	Visit to Abruzzo Museum and Castle as guests of Anna Imponente
	10:30	Visit to Abruzzo Museum and Castle as guests of Anna imponente
	12:30	Lunch in the Castle garden
	14:00	Departure for the Gran Sasso Laboratories ( bring a sweater or jacket to survive the cold )
		Those who wish to visit the Labs with a guided visit are requested to reserve a place with the ICRA secretariat.
	14:01	Alternative: departure for the Gran Sasso - Campo Imperatore
		Those who prefer may instead visit Campo Imperatore for scenic view from the top of the mountain.
	17:30	Departure for Casauria. Visit to the church
	19:30	Arrival in Pescara at Hotel Esplanade
	20.20	Banquet on rooftop patio of Hotel Esplanade
	20:30	Banquet on roomop patio or noter Esplanade

		orkshop 10: RJR60 hal Waves and Cosmology Full Program July 15-20, 2002 Printed 25/07/2002 9.03.24
ate of talk	Time	Participant Talk title
ursday, 18		
		Chair: V. Belinski
		All talks in ICRA Network Coordinating Centre Pescara
	08:45	Opening Remarks
	09:00	Narozhny Nikolay
		Two Aspects Of The Unruh Problem
	09:53	Ciufolini Ignazio
		Frame Dragging and Gravitomagnetism: Theory and Experiment
	10:50	Coffee break
	11:11	Stella Luigi
		Relativistic Effects in Binary Systems
	12:00	Israel Gianluca
		RXJ0806.3+1527: Optical/X-Ray Simultaneous Observations Of The Shortest Known Orbital Period Binary System
	12:40	Lee Hyung Won
		Numerical solution of Schwarzschild Black hole
	13:20	Lunch
	15:00	Chair: Li Qi Bin
		All talks in ICRA Network Coordinating Centre Pescara
	15:10	Bisnovatyi-Kogan Gennady S.
		Magnetic Field Generation During Accretion Onto A Black Hole
	16:10	Sonnino Giorgio
		Thermodynamic Field Theory: The Non-Linear Hall Effect

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Date of talk Time	Participant Talk title
17:00	Bini Donato
	Special Observers in Stationary Axisymmetric Spacetimes
17:30	Coffee break
18:00	Cherubini Christian
	On The Interaction Of Massless Fields With A Gravitomagnetic Monopole
18:20	Germani Cristiano
	Gravitational Collapse From Holographic Point Of View
18:35	Halpern Leopold
	Simple Groups, Gravitational Theory and Cosmology

	Workshop 10: RJR60 ional Waves and Cosmology Full Program July 15-20, 2002 Printed 25/07/2002 9.03.24
Date of talk Time	Participant Talk title
Friday, 19	
	Chair: P. Chardonnet
	All talks in ICRA Network Coordinating Centre Pescara
01:0	0 Gurzadyan Vahe
	Ellipticity Analysis of the Boomerang CMB Maps
09:0	0 De Bernardis Paolo
	Archeology Of The Universe Through Images Of The Cosmic Microwave Background
10:4	0 Coffee break
11:0	0 Demianski Marek
	Large Scale Structure And The Nature Of Dark Matter In The Universe
11:4	
	Neutrino Cosmology
12:2	
	Gravitational Instability In An Expanding Multicomponent Fluid
13:0	0 Feng LongLong
	Measuring the Galaxy Power Spectrum with Multiresolution
13:3	5 Lunch
15:0	0 Chair: Fang Li-Zhi
1010	All talks in ICRA Network Coordinating Centre Pescara
15:0	0 Montani Giovanni
	Dark Matter as an Issue for Revised Canonical Quantum Gravity
15:5	0 Cipriani Piero
	An effective Microcanonical Ensemble for N-body Self-Gravitating systems

	ICRA Network Workshop 10: RJR60 Black Holes, Gravitational Waves and Cosmology		Full Program July 15-20, 2002 Printed	25/07/2002 9.03.24
Date of talk	Time	Participant	Talk title	
	16:20	Coffee break		
	16:55	Song Doo Jong		
		Cosmological Kinetic The	ory In A Homogeneous Spacetime	
	17:30	Zalaletdinov Roustam M.		
		Modelling Self-Gravitating	Macroscopic Media in General Relativity	
	17:45	Imponente Giovanni Paol	D	
		Mixmaster Chaoticity as S	Semiclassical Limit of the Canonical Quantum Dynamics	
	18:10	Zakharov Alexander		
		The iron \$K_\alpha\$-line	liagnostics of a rotational black hole metric	
	18:50	Closing remarks		

		orkshop 10: RJR60 nal Waves and Cosmolog	Full Program Ju	uly 15-20, 2002	Printed	25/07/2002	9.03.24
Date of talk	Time	Participant	Talk title				
Saturday, 20							
	09:00	Schiaffini tour bus a	chiaffini tour bus arrives at Hotel Explanade				
	Departure for Rome						