

IRAP PhD and Erasmus Mundus Workshop:
Recent news from MeV, GeV and TeV Gamma-Ray Domains: Results and Interpretations
 ICRANet (Pescara) – 21-26 March 2011
 Directors: Felix Aharonian, Remo Ruffini and Marco Tavani

	Monday 21	Tuesday 22	Wednesday 23	Thursday 24	Friday 25
		Chair: Jones D.	Chair: Bianco C. L.	Chair: Xue S. S.	Chair: Barkov M.
9.35-10:10		Giuliani	Vercellone	Lefa	Pandolfi
		<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
10:10-10:45		Giuliani	Casolino	Kafexhiu	Menegoni
		<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
10:45-11:00	<i>Coffee break</i>				
11:00-11:35	Ruffini	Cardillo	Rieger	Prosekin	Malheiro
	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
11:35-12:10	Tavani	Piano	Sabatini	Ruizhi Yang	Fleig
	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
12:10-12:45		Tavani	Tavani	Pugliese	Fraga
	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
	<i>Lunch Break</i>				
	Chair: Vereshchagin G.	Chair: Giuliani A.	Chair: Vercellone S.	Chair: Rieger F.	Chair: Rueda J. A.
15:00-15:35	Jones	Aharonian	Aharonian	Belvedere	Siutsou
	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
15:35-16:10	Barkov	Bianco	Vereshchagin	Caito	Baranov
	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
16:10-16:25	<i>Coffee break</i>				
16:25-17:00	Rueda Hernandez	Izzo	Benedetti	Liccardo	Boshkayev
	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>
17:00-17:35	Sahakyan	Penacchioni	Rotondo	Rangel Lemos	Han
	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>	<i>discussion</i>

Aharonian Felix	The Nature's perfectly designed Extreme Accelerators
Barkov Maxim	Particle acceleration and gamma-ray production in AGN initiated by the jet-star interactions
Jones Dave	Multiwavelength studies of the Galactic Center
Kafexhiu Ervin	Excitation and destruction of nuclei in hot astrophysical plasmas around black holes
Lefa Eva	Time-dependent modeling of the energy spectra of gamma-ray blazars
Prosekin Anton	Gamma-ray and neutrino signatures of sources of 1020 eV cosmic rays
Rieger Frank	Particle acceleration and gamma-ray production in the vicinity of supermassive black holes. The case of M87
Ruizhi Yang	The study of extended gamma-ray sources based on the FERMI LAT data
Ruffini Remo	GRBs and Supernovae: common conceptual issues
Baranov Andrej	TBD
Belvedere Riccardo	Mass, Radius and Moment of Inertia of Neutron Stars
Benedetti Alberto	On the frequency of plasma oscillations in the pair plasma generated by a strong electric field
Bianco Carlo Luciano	The canonical GRB scenario
Boshkayev Kuantay	On the minimum rotational period of fast rotating white dwarfs
Caito Letizia	The case of disguised short GRBs
Casolino Marco	Recent PAMELA measurements of proton and helium nuclei and cosmic ray acceleration in the galaxy
De Barros Gustavo	The case of GRB 050509B
Fleig Philipp	Developments of BKL work
Fraga Machado De Oliveira Bernardo	Cosmological Constraints on inos masses and quantum statistic
Han Wenbiao	Generation of electromagnetic field energy in gravitational collapses
Izzo Luca	on a Nova undergoing outburst
Liccardo Vincenzo	TBD
Malheiro Manuel	SGRs and AXPs: Massive Rotating White Dwarfs versus Magnetars
Menegoni Eloisa	Cosmological Constraint on Fundamental Constants
Pandolfi Stefania	Theoretical Development toward the Planck mission
Penacchioni Ana V.	The case of Multiple GRBs
Pugliese Daniela	What do we learn about the Reissner-Nordstrom geometry?
Rangel Lemos Juracy	Luminosity function of BATSE GRBs whose prompt emission is not dominated by the P-GRB
Rotondo Michael	On the Thomas-Fermi treatment of compressed atoms and nuclear matter cores of stellar dimensions
Rueda Jorge A.	The relativistic Feynman-Metropolis-Teller theory for white-dwarfs in general relativity
Sahakyan Narek	Gamma-rays from giant radio lobes of Centaurus A
Siutsou Ivan	Self Gravitating inos and constant surface density
Vereshchagin Gregory	Transparency of an extended relativistic shell along the line of sight and application to GRBs
Xue She-Sheng	A general relativistic theory of nuclear matter
Tavani Marco	Big surprises from the Crab Nebula: variability and theory
Tavani Marco	on SNR RX 1713.7
Tavani Marco	Overview of galactic microquasars and focus on Cyg X-3 and Cyg X-1
Tavani Marco	discussion of particle acceleration in SNRs
Cardillo Martina	on SNR W44
Giuliani Andrea	Overview of AGILE data on SNRs
Giuliani Andrea	On SNR W28
Piano Giovanni	Gamma-ray emission from the SNR Gamma Cygni: the AGILE results
Sabatini Sabina	Transient gamma-ray emission from the Microquasar Cygnus X-1
Vercellone Stefano	The brightest gamma-ray blazar: 3C 454.3 ("Crazy Diamond")
Vittorini Valerio	Theoretical models of 3C 454.3 and similar monsters