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Final Program

May 15th, 2002

morning

1 – Agencies programs

08.30 – 09.00	M. Salamon (<i>NASA</i>)	Fundamental Physics in Space at NASA
09.00 – 09:30	S. Vitale (<i>Trento</i>)	Fundamental Physics in Space: the ESA Program
09.30 – 10:00	F. Cervelli (<i>Pisa</i>)	Astro-Particle Physics in Space at INFN
10.00 – 10.30	<i>coffee break</i>	
10.30 – 11.00	C. Musso (<i>ASI</i>)	High Energy in Space: the New Challenge for Physicists
11.00 – 11.30	E. Loh (<i>NSF</i>)	Astro Particle physics at NSF

afternoon

2 – Particle and Fundamental Physics in Space

15.30 – 16.00	R. Battiston (<i>Perugia</i>)	Astroparticle Physics with AMS-02
16.00 – 16.25	P. De Bernardis (<i>Roma 1</i>)	Experiments on Cosmic Background Radiation
16.25 – 16.50	J. Carr (<i>Marseille</i>)	Review on Neutrino Telescopes
16.50 – 17.10	H. Mayer-Hasselwander (<i>Munich</i>)	Gamma Ray Physics from Space
17.10 – 17.40	<i>coffee break</i>	
17.40 – 18.05	A. Dolgov (<i>Ferrara</i>)	Matter and Antimatter in the Universe
18.05 – 18.35	A. Bottino (<i>Torino</i>)	Supersymmetric Dark Matter
18.35 – 19.00	P. Blasi (<i>Arcetri</i>)	New Physics in the Universe: Topological Defects et Al.
19.00 – 19.25	V. Kuzmin (<i>Moscow</i>)	Theory around GZK

Special after dinner speech delivered by Prof. Giovanni Bignami

May 16th, 2002

morning

3 – Cosmic Rays composition and spectra from MeV to ZeV

08.30 – 08.50	M. Casolino (<i>Roma 2</i>)	The Sileye-3 Experiment on Board the International Space Station: First Results
08.50 – 09.15	R. Sparvoli (<i>Roma 2</i>)	Results from the NINA and NINA-2 Space Experiments
09.15 – 09.45	E. Fiandrini (<i>Perugia</i>)	Results on Cosmic Rays Composition with AMS
09.45 – 10.05	E. Vannuccini (<i>Firenze</i>)	High-Energy Deuteron Measurement with the CAPRICE98 Experiment
10.05 - 10.30	<i>coffee break</i>	
10.30 – 10.50	E. Seo (<i>UMD</i>)	High Energy Cosmic Ray Composition
10.50 – 11.10	S. Torii (<i>Kanagawa</i>)	The CALET, CALorimetric Electron Telescope Mission for the International Space Station
11.10 – 11.30	B. Khrenov (<i>Moscow</i>)	Space Measurement of UHECR Using Radioemissions of EAS
11.30 – 11.50	P. Galeotti (<i>Torino</i>)	EUSO Scientific Objectives
11.50 – 12.10	B. Khrenov (<i>Moscow</i>)	Design and Development of the Space Experiments KLYPVE and TUS for Study of Ultra High Energy Cosmic Ray Particles

afternoon

4 – Special session: an afternoon with AMS-02

15.30 – 15.50	B. Blau (ETH - Zurich)	Status of the AMS-02 Superconducting Magnet
15.50 – 16.10	D. Casadei (Bologna)	The Time of Flight (TOF) Detector for AMS-02
16.10 – 16.30	W. Burger (Perugia)	The AMS-01 and AMS-02 Silicon Tracker
16.30 – 17.00	<i>coffee break</i>	
17.00 – 17.20	J. Casaus (CIEMAT)	Performances of the AMS-RICH prototype
17.20 – 17.40	Th. Siedenbueg (RWTH Aachen)	A Transition Radiation Detector for AMS
17.40 – 18.00	F. Pilo (Siena)	The AMS Electromagnetic Calorimeter
18.00 – 18.20	A. Biland (ETH - Zurich)	First Results from the PSRD Detector on STS108
18.20 – 18.40	V. Choutko (MIT)	Antiprotons yields on AMS-02
18.40 – 19.00	G. Lamanna (CERN)	Gamma Physics with AMS
19:00 – 19.15	G. Valle (Siena)	DarkSUSY continuum gamma spectra from neutralino annihilation

May 17th, 2002

morning

5 - Anti Matter and Dark Matter in the Universe

08.30 – 08.50	M. Cristinziani (<i>Geneva</i>)	Antimatter Searches with AMS ($Z > 1$)
08.50 – 09.10	M. Sasaki (<i>NASA/NRC</i>)	Progress in Search for Antihelium with BESS
09.10 – 09.30	A. Yamamoto (<i>KEK</i>)	BESS-Polar: Plan for Long Duration Flight in Antarctica
09.30 – 09.50	A. Morselli (<i>Roma 2</i>)	Search for DM with GLAST
09.50 – 10.10	W. de Boer (<i>Karlsruhe</i>)	Testing SUSY Dark Matter

departure for Pianosa Island

May 18th, 2002

morning

6 - Gamma astrophysics from space

08.30 – 08.45	G. Bignami (<i>ASI</i>)	The AGILE Mission
08.45 – 09.00	S. Di Cocco (<i>Milano</i>)	The Science of AGILE
09.00 – 09.20	R. Johnson (<i>UCSC</i>)	The GLAST Large Area Telescope Instrument
09.20 – 09.40	P. Caraveo (<i>IFCTR Milano</i>)	High energy gamma sources
09.40 – 10.00	F. Aharonian (<i>MPI Heidelberg</i>)	Cosmology with TeV Gamma Rays
10.00 – 10.20	Coffee break	
10.20 – 10.50	G. Barbiellini (<i>Trieste</i>)	GRB Progress and Conflicts: to the Experiments the Last Word
10.50 – 11.20	I. Bombaci (<i>Pisa</i>)	Gamma Ray Bursts from Delayed Conversion of Neutron Stars to Quark Matter Stars

7 - Gravitation and fundamental physics from space

11.20 – 11.40	R. Chhun (<i>ONERA</i>)	The Microscope Mission
11.40 – 12.00	O. Jennrich (<i>ESA</i>)	The LISA Mission
12.00 – 12.20	T. Sumner (<i>Imperial College</i>)	STEP: Testing General Relativity in Space
12.00 – 12.40	G. Tino (<i>LENS</i>)	Review of Cold Atoms Physics in Space

afternoon

8 - Space detectors and technologies

15.30 – 15.50	A. Yamamoto (<i>KEK</i>)	Development of a Hyper-thin Superconducting Solenoid Magnet for Particle Astrophysics
15.50 – 16.10	M. Menichelli (<i>Perugia</i>)	Radiation Hard Electronics for Space Applications

16.10 – 16.30	M. Pearce (<i>KTH Stockholm</i>)	Status of the Pamela Spectrometer
16.30 – 17.00	<i>coffee break</i>	
17.00 – 17.20	M. Ambriola (<i>Bari</i>)	Performance of the Transition Radiation Detector of the PAMELA Space Mission
17.20 – 17.40	S. Brez (<i>Pisa</i>)	The Silicon Tracker/Converter of GLAST
17.40 – 18.00	A. Petrolini (<i>Genova</i>)	The Development of the EUSO Photo-Detector
18.00 – 18.20	P. Musico (<i>Genova</i>)	Status Report on EUSO Front End Electronics
18.20 – 18.40	R. A. Mukhamedshin (<i>Moscow</i>)	The INCA Collaboration: Present Status and Outlook
18.40 – 19.00	reserved	

For more informations look at

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