

ITALIA
Grants for the Second Year (2006-2007)

**UNIVERSITÀ DEGLI STUDI DI PADOVA "IL BO",
PADOVA, ITALIA**

Local Committee:

Dr. Gianni Zumerle (Chair)
Dr. Ugo Gasparini
Dr. Giuseppe Viesti

Europe to Latin America

Grant	Type	Work Program	Months	Host University Country
1.	RT	<i>Management and evaluation of the GRID Infrastructure for job submission and data management in High Energy Physics environment</i> Responsible: Bernard Marechal	1.5	Universidade Federal do Rio de Janeiro -UFRJ Brazil
2.	RT	<i>GRID computing for star evolution and nuclear physics studies</i> Responsible: Bernard Marechal	1.5	Universidade Federal do Rio de Janeiro -UFRJ Brazil

UNIVERSITÀ DEGLI STUDI DI ROMA “LA SAPIENZA”

Local Committee (in common with Università degli Studi di Roma “Tor Vergata”):

Dr. Maurizio Lusignoli (“La Sapienza”) (Chair)

Dr. Anna di Ciaccio (“Tor Vergata”)

Dr. Piergiorgio Picozza (“Tor Vergata”)

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	STT	<i>Development of a temperature and pressure control system, within the larger project of the Experiment Control System of the LHCb muon detector.</i> tutor/responsible: Geraldo Cernicchiaro	2	Centro Brasileiro de Pesquisas Físicas- CBPF Brazil
2.	RT	<i>Analysis of the data obtained at LEP and at the B factories on Heavy Quark fragmentation functions within a model based on the resummation of soft gluons at NNLO.</i> tutor/responsible: Daniel de Florian	1	Universidad de Buenos Aires Argentina

UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA"

Local Committee (in common with Università degli Studi di Roma "Tor Vergata"):

Dr. Maurizio Lusignoli ("La Sapienza") (Chair)

Dr. Anna di Ciaccio ("Tor Vergata")

Dr. Piergiorgio Picozza ("Tor Vergata")

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	STT	<i>Combined analysis of the data obtained by the surface detector and by the fluorescence detector of the Auger Observatory. Participation in the data taking at the Auger Observatory.</i> tutor/responsible: Giorgio Matthiae	2	Universidad Nacional de la Plata and Pierre Auger Observatory Argentina
2.	STT	<i>To enhance the collaboration already established with Argentinean Academical Institutions on the analysis of the data produced by the Auger Observatory.</i> <i>Participation in the data taking at the Auger Observatory.</i> tutor/responsible: Giorgio Matthiae	1	Universidad Nacional de la Plata and Pierre Auger Observatory Argentina
3.	STT	<i>To establish a collaboration with Argentinean Academical Institutions to study and improve the transfer of the data produced by the Auger Observatory from the local Argentinian network to the GEANT European network.</i> <i>Participation in the data taking at the Auger Observatory and pre-analysis of the calibration data in loco.</i> tutor/responsible: Giorgio Matthiae	1	Universidad Nacional de la Plata and Pierre Auger Observatory Argentina

UNIVERSITA DEGLI STUDI DI TORINO

Local Committee:

Prof. A.Marzari Chiesa (Chair)

Prof. M. Masera

Dr. Paolo Giubellino

Alternating Members:

Prof. S.Beole

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	RT	<i>ALICE experiment: preparation of analysis programs for the study of D meson production.</i> Tutor/responsible:Gerardo Herrera	3	Centro de Investigación y de Estudios Avanzados del IPN (CINVESTAV) MEXICO

LABORATORI NAZIONALI DELL' INFN AL GRAN SASSO

Local Committee:

Prof. Eugenio Coccia (Chair)

Dr. Ornella Palamara

Dr. Aurelio Grillo

Alternating Member:

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	STT	<i>SD calibration with hybrid events. Study and improvement of the hybrid sample selection. Dependence of calibration on environmental</i> tutor/responsible: Teresa Dova	2	Universidad Nacional de la Plata Argentina
2.	RT	<i>Simulation and reconstruction of “brass hybrid” events. Study of mass composition with the elongation rate.</i> tutor/responsible: Teresa Dova	3	Universidad Nacional de la Plata Argentina