

ITALY

Grants for the Third Year (2007-2008)

FIRST CALL

UNIVERSITÀ DEGLI STUDI DI PADOVA "IL BO"

Local Committee:

Dr. Gianni Zumerle (Chair)

Dr. Ugo Gasparini

Dr. Giuseppe Viesti

Europe to Latin America

Grant	Type	Work Program	Months	Host University Country	Grant-Holder
1.	RT	Development of GRID tools of general interest for fast and easy deployment of remote grid sites <i>Responsible: Bernard Marechal</i>	0.5	Universidade Federal do Rio de Janeiro -UFRJ Brazil	<i>Marco Verlato</i>

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	Grant-Holder
2.	RT	Applications of perturbative QCD <i>tutor/responsible: Daniel de Florian</i>	1	Universidad de Buenos Aires Argentina	<i>Not assigned</i>
3.	RT	Experimental or Theoretical High Energy Physics <i>tutor/responsible: Alejandro Szanto de Toledo</i>	1	Universidade de São Paulo USP Brazil	<i>Not assigned</i>
4.	RT	Researches on Dark Energy and Dark Matter <i>tutor/responsible: Axel de la Macorra</i>	1	Universidad Nacional Autónoma de México UNAM Mexico	<i>Not assigned</i>

UNIVERSITÀ DEGLI STUDI DI ROMA “TOR VERGATA”

Local Committee (in common with Università degli Studi di Roma “La Sapienza”):

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	Grant-Holder
1.	STT	Analysis of high-energy cosmic ray data. Participation in data taking at the Auger Observatory. <i>tutor/responsible:</i> G.Matthiae	1	Universidad Nacional de La Plata, and Auger Observatory Argentina	<i>Claudio Di Giulio</i>
2.	STT	<i>Combined analysis of the surface detector and fluorescence detector of the Auger Observatory.</i> Participation in data taking at the Auger Observatory <i>tutor/responsible:</i> G.Matthiae	1	Universidad Nacional de La Plata, and Auger Observatory Argentina	<i>Cesare Delle Fratte</i>
3.	STT	Observatory to Europe. Participation in data taking at the Auger Observatory <i>tutor/responsible:</i> G.Matthiae	1	Universidad Nacional de La Plata, and Auger Observatory Argentina	<i>Fabrizio Ortolani</i>

UNIVERSITÀ DEGLI STUDI DI TORINO

Local Committee:

Dr. A. Marzari Chiesa (Chair)

Dr. P. Giubellino

Dr. M. Masera

Europe to Latin America

Grant	Type	Work Program	Months	Host University Country	Grant-Holder
1.	STT	Development of software for data analysis for the ALICE experiment at the LHC. <i>Tutor: Marcelo Gameiro Munhoz</i>	3	Universidade de Sao Paulo USP Brazil	<i>Not assigned</i>

LABORATORI NAZIONALI DELL' INFN AL GRAN SASSO

Local Committee:

Prof. Eugenio Coccia (Chair)
Dr. Ornella Palamara
Dr. Aurelio Grillo

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	STT	Search for anisotropies in Auger. In particular search for autocorrelation patterns using SD and hybrid data. Search for correlations with possible sources and signatures of the GZK effect <i>tutor/responsible: Teresa Dova</i>	2	Universidad Nacional de La Plata Argentina	<i>Carla Macolino</i>
2.	RT	Simulation and reconstruction of hybrid events in Auger. Study of shower parameters sensitive to the primary particle identity. <i>tutor/responsible: Teresa Dova</i>	2	Universidad Nacional de La Plata Argentina	<i>Mariangela Settimo</i>
3.	STT	Simulation and reconstruction of hybrid events of energy below $10^{18.5}$ eV in Auger. <i>tutor/responsible: Teresa Dova</i>	2	Universidad Nacional de La Plata Argentina	<i>Francesco Salamida</i>