BRAZIL

Grants for the Academic year: 2006-2007

CENTRO BRASILEIRO DE PESQUISAS FÍSICAS – CBPF

Local Committee:

Dr. Ronald Cintra Shellard
Dr. João Carlos dos Anjos
Dr. Arthur K. A. Maciel

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
	STT	*LHC-b: graduate student to work for LHC-b trigger.* tutor/responsible: H. Dijkstra	**3**	**CERN Switzerland**
	STT	*LHC-b: graduate student to work for LHC-b data analysis.* tutor/responsible: G. Wilkinson	**2**	**CERN Switzerland**
	STT	*CMS: graduate student. Training in instrumentation, installation and operation of the CMS detector and its data analysis.* Tutor/responsible: H.Hoffmann	**3**	**CERN Switzerland**
	STT	*AUGER : investigation on anisotropies in cosmic rays. Auger angular resolution.* tutor/responsible: A. L. Selvon	**1**	**IN2P3-LPNHE France**
	STT	*AUGER : investigation on anisotropies in cosmic rays. Auger angular resolution.* tutor/responsible: A. L. Selvon	**1**	**IN2P3-LPNHE France**
	STT	Neutrino Physics at LNGS: operation and development of instrumentation and new techniques for neutrino detectors. Tutor/responsible: W. Fulgione	**1**	**Laboratori Nazionali del Gran Sasso dell'INFN Italy**

UNIVERSIDADE DE SÃO PAULO

Local Committee:

Prof. A. Szanto de Toledo(Chair)
Prof. F. Navarra
Prof. M. Menon

Alternating Members:

Prof. M. Nielsen

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	**AT**	*ALICE Experiment: Simulation and data analysis.* Tutor: Karel Safarik	**6**	**CERN Switzerland**
2.	**AT**	*ALICE Experiment: Simulation and data analysis.* Tutor: Karel Safarik	**6**	**CERN Switzerland**
3.	**STT**	*ALICE Experiment: Simulation and data analysis.* Tutor: Karel Safarik	**3**	**CERN Switzerland**
4.	**CT**	*ALICE Experiment: Simulation and data analysis.* Tutor: Karel Safarik	**6**	**CERN Switzerland**

Latin America to Latin America

1.	**STT**	*Pierre Auger Observatory: Data Analysis* Tutor: Maria Teresa Dova	**2**	**Universidad Nacional de La Plata Argentina**
2.	**STT**	*Pierre Auger Observatory: Data Analysis* Tutor: Maria Teresa Dova	**2**	**Universidad Nacional de La Plata Argentina**

UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO

Local Committee:

Prof. Alberto Santoro (Chair)
Prof. Francisco Caruso
Prof. José Sá Borges

Alternating Members:

Prof. José Soares

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	**AT**	*CMS Experiment: Physics Preparation* tutor/responsible: Albert De Roeck	**6**	**CERN Switzerland**
2.	**STT**	*CMS Experiment: Physics Preparation* tutor/responsible: Albert De Roeck	**3**	**CERN Switzerland**
3.	**STT**	*CMS Experiment:Electronic Commissioning* tutor/responsible: Jordan Nash	**3**	**CERN Switzerland**
4.	**STT**	*CMS Experiment* tutor/responsible: J. Varela	**3**	**Laboratório de Instrumentação e Física Experimental de Partículas (LIP) Portugal**
5.	**STT**	*CMS Experiment: Cosmic Rays Data Analysis* tutor/responsible: Ugo Gasparini	**3**	**Università degli Studi di Padova "Il Bo" Italy**
6.	**RT**	*HELEN offers two grants/year to graduate students to produce a Data Base for High Energy Physics Technologies in Latin America. This grant is for instruction on the subject*	**1**	**CERN Switzerland**

		under the guidance of a CERN professor. tutor/responsible: Marilena Streit-Bianchi		
7.	**RT**	*CMS Experiment: Research Visit* tutor/responsible: Hans Hoffmann	**0.5**	**CERN Switzerland**
8.	**RT**	*CMS Experiment: Research Visit* tutor/responsible: Hans Hoffmann	**0.5**	**CERN Switzerland**
9.	**STT**	*CMS Experiment: Optical Links* tutor/responsible: Karl Gill	**3**	**CERN Switzerland**

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO

Local Committee:

Prof. L. de Paula (Chair)
Prof. L. F. Canto
Prof. S. Souza

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	**AT**	*ATLAS Experiment: Calorimeter commissioning* Tutor: Ana Henriques	**6**	**CERN Switzerland**
2.	**STT**	*ATLAS Experiment: Calorimeter commissioning* Tutor: Richard Teuscher	**3**	**CERN Switzerland**
3.	**STT**	*ALPHA Experiment: Atom trap* Tutor: Jeffrey Hangst	**3**	**CERN Switzerland**
4.	**STT**	*LHCb Experiment: detector commissioning* Tutor: Paula Collins	**3**	**CERN Switzerland**
5.	**RT**	*ATLAS Experiments: GRID activities* Tutor: Marzio Nessi	**0.5**	**CERN Switzerland**
6.	**RT**	*ATLAS Experiments: Calorimeter* Tutor:Bob Stanek	**0.5**	**CERN Switzerland**

7.	**RT**	*ATLAS Experiment: Calorimeter Electronics* Tutor: Nick Ellis	**0.5**	**CERN Switzerland**
8.	**RT**	*Participation in the CERN High School Teachers Program and training by the Outreach unit at CERN* Tutor/responsible: Mick Storr	**1**	**CERN Switzerland**
9.	**RT**	*ALPHA Experiment: laser spectroscopy of cold atoms* Tutor: Jeffrey Hangst	**0.5**	**CERN Switzerland**
10.	**RT**	*LHCb Experiment: Trigger* Tutor: H. Dijkstra	**0.5**	**CERN Switzerland**