

COLOMBIA

Grants for the Third Year (2007-2008)

FIRST CALL

UNIVERSIDAD DE ANTIOQUIA

Local Committee:

William A. Ponce (Chair)
Enrico Nardi
Nelson Vanegas

Alternating Members:

Diego A. Restrepo

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	STT	Theoretical High Energy Physics (mostly neutrinos and/or leptogenesis) <i>tutor/responsible: Enrico Nardi</i>	2.0	INFN, Frascati Italy
2.	STT	Theoretical High Energy Physics (mostly neutrinos) <i>tutor/responsible: J.W.F.Valle</i>	3.0	Universidad de Valencia Spain
3.	STT	Theoretical High Energy Physics (mostly neutrinos and/or leptogenesis) <i>tutor/responsible: Enrico Nardi</i>	1.5	INFN, Frascati, Italy

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	RT	Theoretical, Beyond the standard Model (mostly neutrinos) <i>tutor/responsible: Maria Teresa Dova</i>	0.5	Universidad Nacional de La Plata Argentina
2.	RT	Phenomenology High Energy Physics (Pierre Auger Experiment) <i>tutor/responsible: Arnulfo Zepeda</i>	0.5	Centro de Investigacion y Estudios Avanzados del IPN (CINVESTAV) Mexico

UNIVERSIDAD ANTONIO NARIÑO

Local Committee:

M. Losada (Chair)
Victor Hugo Prieto
Rafael Gutiérrez

Alternating Members:

Alexander Caneva

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	STT	High Level Trigger Performance Studies <i>tutor/responsible: N. Ellis</i>	1	CERN Switzerland
2.	STT	High Level Trigger Performance Studies <i>tutor/responsible: N. Ellis</i>	1	CERN Switzerland

UNIVERSIDAD DE LOS ANDES

Local Committee:

Dr Jose Rolando Roldan (Chair)

Dr Carlos Jaramillo

Dr Benjamín Oostra

Alternating Members:

Dr Jorge Galan

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	AT	CMS muon detector software + SUSY studies <i>tutor/responsible: Marcello Maggi</i>	10	CERN Switzerland
2.	AT	CMS muon detector software + SUSY studies <i>tutor/responsible: Marcello Maggi</i>	6	CERN Switzerland
3.	AT	CMS muon detector software + SUSY studies <i>tutor/responsible: Marcello Maggi</i>	6	CERN Switzerland
4.	RT	CMS muon detector software + SUSY studies <i>tutor/responsible: Marcello Maggi</i>	1	CERN Switzerland
5.	RT	CMS muon detector software + SUSY studies <i>tutor/responsible: Marcello Maggi</i>	1	CERN Switzerland
6.	RT	CMS muon detector software + SUSY studies <i>tutor/responsible: Marcello Maggi</i>	1	CERN Switzerland

UNIVERSIDAD NACIONAL DE COLOMBIA

Local Committee:

Edgar Alfondo (Chair)
Gustavo Martines
Jairo Roa

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	RT	Study of the production of the Z' in the LHC will be stimated. <i>tutor/responsible: Jordi Vidal</i>	1	Universidad de valencia Spain
2.	RT	The kinematics for the reaction $pp \rightarrow Z' \rightarrow ee$ for different models in the LHC will be stydied. And FCNC for the scalar decay $h \rightarrow \mu \tau$ for different mass range. <i>tutor/responsible: Maurizio Lusignoli</i>	1	Università degli Studi di Roma "La Sapienza" Italy
3.	RT	Pions dispersion within of the effective theories context and in the $1/N^2$ approximation will be calculated. <i>tutor/responsible: Maurizio Lusignoli</i>	1	Università degli Studi di Roma "La Sapienza" Italy
4.	RT	Exploring some issues related the charged Higgs in the 2HDM -III phenomenology fot the photon-photon collider. <i>tutor/responsible: Bernd A. Kniel</i>	1	DESY Germany

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	RT	In the future with this scientific exchange we will find the best dosimeter to apply in the patients treated with ionization radiations. <i>tutor/responsible: Joao dos Anjos</i>	1	Centro Brasileiro de Pesquisas Fisicas (CBPF) Brazil