

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	<i>Grant-Holder</i>
1.	STT	Theoretical High Energy Physics (mostly neutrinos and/or leptogenesis) <i>tutor/responsible: Enrico Nardi</i>	2.0	INFN, Frascati Italy	<i>Luis Alfredo Muñoz Hernandez</i>
2.	STT	Theoretical High Energy Physics (mostly neutrinos) <i>tutor/responsible: J.W.F.Valle</i>	3.0	Universidad de Valencia Spain	<i>Oscar Alberto Zapata</i>
3.	STT	Theoretical High Energy Physics (mostly neutrinos and/or leptogenesis) <i>tutor/responsible: Enrico Nardi</i>	1.5	INFN, Frascati, Italy	<i>Not assigned</i>

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country	<i>Grant-Holder</i>
1.	RT	Theoretical, Beyond the standard Model (mostly neutrinos) <i>tutor/responsible: Maria Teresa Dova</i>	0.5	Universidad Nacional de La Plata Argentina	<i>Not assigned</i>
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	<i>Not assigned</i>

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	Grant-Holder
1.	STT	High Level Trigger Performance Studies <i>tutor/responsible: N. Ellis</i>	1	CERN Switzerland	<i>Yohany Rodriguez Garcia</i>
2.	STT	High Level Trigger Performance Studies <i>tutor/responsible: N. Ellis</i>	1	CERN Switzerland	<i>Dewys Moreno Lopez</i>
3.	RT	High Level Trigger Performance Studies <i>tutor/responsible: N. Ellis</i>	1	CERN Switzerland	<i>Gabriela Alejandra Navarro</i>

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	Grant-Holder
1.	AT	CMS muon detector software + SUSY studies <i>tutor/responsible:</i> <i>Marcello Maggi</i>	10	CERN Switzerland	<i>Camillo Carrillo Montoya</i>
2.	AT	CMS muon detector software + SUSY studies <i>tutor/responsible:</i> <i>Marcello Maggi</i>	6	CERN Switzerland	<i>Alberto Ocampo</i>
3.	AT	CMS muon detector software + SUSY studies <i>tutor/responsible:</i> <i>Marcello Maggi</i>	6	CERN Switzerland	<i>Hector Castañeda</i>
4.	RT	CMS muon detector software + SUSY studies <i>tutor/responsible:</i> <i>Marcello Maggi</i>	1	CERN Switzerland	<i>Bernardo Gomez</i>
5.	RT	CMS muon detector software + SUSY studies <i>tutor/responsible:</i> <i>Marcello Maggi</i>	1	CERN Switzerland	<i>Juan Carlos Sanabria</i>
6.	RT	CMS muon detector software + SUSY studies <i>tutor/responsible:</i> <i>Marcello Maggi</i>	1	CERN Switzerland	<i>Carlos Avila</i>

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	Grant-Holder
1.	RT	Study of the production of the Z' in the LHC will be stimulated. <i>tutor/responsible: Jordi Vidal</i>	1	Universidad de Valencia Spain	<i>Fredy Ochoa</i>
2.	RT	The kinematics for the reaction $pp \rightarrow Z' \rightarrow ee$ for different models in the LHC will be studied. 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	<i>Roberto Martinez</i>
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	<i>John Morales</i>
4.	RT	Exploring some issues related the charged Higgs in the 2HDMIIIphenomenology for the photon-photon collider. <i>tutor/responsible: Bernd A. Kniel</i>	1	DESY Germany	<i>Not assigned</i>

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
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	<i>Maria Cristina Plazas</i>