

MEXICO
Grants for the Second Year (2006-2007)
SECOND CALL

**CENTRO DE INVESTIGACION Y ESTUDIOS
AVANZADOS DEL IPN (CINVESTAV)**

Local Committee:

Arnulfo Zepeda (Chair)
Gerardo Herrera
Miguel Ángel Pérez

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	RT	<i>Prepare a proposal for a underground laboratory in Mexico taking advantage of the Gran Sasso Laboratory experience Tutor/responsible: Ornella Palamara</i>	1	Laboratori Nazionali dell'INFN del Gran Sasso Italia	Ricardo López Fernández
2.	RT	<i>Prepare a proposal for a underground laboratory in Mexico taking advantage of the Gran Sasso Laboratory experience Tutor/responsible: Ornella Palamara</i>	1	Laboratori Nazionali dell'INFN del Gran Sasso Italia	Celio Adrega de Moura

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	STT	<i>Take Fluorescence Detector data and their analysis and calibration. Take LIDAR (atmospheric monitoring) data. Installation of electronics in the SDs. Installation of SDs on the field. Tutor/responsible: Julio Rodriguez</i>	2	Pierre Auger Laboratory Argentina	Aldrin Melion Cervantes
2.	RT	<i>Take Fluorescence Detector data and their analysis and calibration. Take LIDAR (atmospheric monitoring) data. Installation of electronics in the SDs. Installation of SDs on the field. Tutor/responsible: Julio Rodriguez</i>	2	Pierre Auger Laboratory Argentina	Jesús Martínez

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO (UNAM)

Local Committee:

Dr. Arturo Menchaca (Chair) – IF-UNAM

Dr. Alejandro Frank – ICN-UNAM

Dr. Mercedes Rodríguez Villafuerte – IF-UNAM

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	RT	<i>CERN Theory Group. Phenomenology of the Standard Model and its High Energy extensions. Tutor/responsible: Massimo Giovannini</i>	1	CERN Switzerland	Jaime Besprosvany
2.	STT	<i>ALICE: Data analysis preparation Tutor/responsible: A. Morsch</i>	2	CERN Switzerland	Serkin Leonid

UNIVERSIDAD MICHOACANA DE SAN NICOLAS DE HIDALGO

Local Committee (in common with Benemérita Universidad Autónoma de Puebla)

Dr. Cupatitzio Ramírez (Chair)
Dr. Arturo Fernández
Dr. Víctor Villanueva

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	STT	<i>Transfer of technology from Europe to Mexico. PhD student. Work on new hardware detector technologies and new imaging software applied to PositronEmission Tomography. Tutor/responsible: Miguel Embid Segura</i>	1	Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas, CIEMAT Spain	María del Sol Quintero
2.	RT	<i>ALICE/LHC. Person with PhD. Work on the development and implementation of the Detector Control System for the ACORDE sub-detector of the ALICE/LHC Detector at CERN. Tutor/responsible: Lennart Jirde</i>	1	CERN Switzerland	Mario Iván Martínez Hernández

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	RT	<i>AUGER. Person with PhD. Work on data analysis and study of detector upgrades for the Pierre Auger Observatory. Tutor/responsible: Joao dos Anjos</i>	0.75	Centro Brasileiro de Pesquisas Físicas (CBPF) Brazil	Luis Manuel Villaseñor Cendejas

BENEMERITA UNIVERSIDAD AUTÓNOMA DE PUEBLA (BUAP)

Local Committee (in common with Universidad Michoacana de San Nicolás de Hidalgo):

Dr. Cupatitzio Ramírez (Chair)

Dr. Arturo Fernández

Dr. Víctor Villanueva

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	RT	<i>AUGER. Training on the Auger Observatory for Fluorescence Detector data management. Tutor: Antonio Insolia.</i>	1	Sezione dell'INFN di Catania Italy	Ibrahim Torres Aguilar
2.	RT	<i>Training in the assembly of the ACORDE detector Tutor: Werner Riegler</i>	1	CERN Switzerland	Ildefonso León Monzón
3.	STT	<i>Training in the Computer simulation of the ALICE tracking detectors Tutor: Andreas Morsh</i>	1	CERN Switzerland	Mario Rodríguez Cahuantzi
4.	STT	<i>High School Teachers Program Tutor/responsible: Mick Storr</i>	1	CERN Switzerland	Arturo Araujo Gutiérrez

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	RT	<i>AUGER. Training on the Auger Observatory for development of Surface Array software Tutor: Gualberto Avila</i>	0.5	Auger Observatory Argentina	Oscar Martínez Bravo