

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
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
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

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country
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
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

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO (UNAM)

Local Committee:

Dr. Arturo Menchaca (Chair) – IF-UNAM

Dr. Jorge Hirsch Ganievich – ICN-UNAM

Dr. Mercedes Rodríguez Villafuerte – IF-UNAM

Alternating Members:

Dr. Alejandro Frank – ICN-UNAM

Latin America to Europe

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

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. Luis Villaseñor

Alternating Members:

Dr. Jesús Toscano
Dr. Víctor Villanueva

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country
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
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

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country
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

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. Luis Villaseñor

Alternating Members:

Dr. Jesús Toscano

Dr. Víctor Villanueva

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
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