

MEXICO
Grants for the Academic Year 2006-2007

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

Local Committee:

Dr. Arnulfo Zepeda (Chair)
Dr. Gerardo Herrera
Dr. Miguel Angel Pérez Angón

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	AT	<i>ALICE, test of V0A. And participation in CERN Academic Programme.</i> Tutor/responsible: J.P. Revol	6	CERN Switzerland
2.	AT	<i>H1: Participation in data taking, analysis of DIS data and work in the silicon tracker group.</i> Tutor/responsible: Ekhard Elsen	12	DESY Germany
3.	RT	<i>ALICE, test and integration of V0A</i> Tutor/responsible: J.P.Revol	.5	CERN Switzerland
4.	RT (TECH DATA BASE)	<i>Technology Transfer: HEP technology Data Base.</i> Tutor/responsible: Marilena Streit-Bianchi	1	CERN Switzerland
5.	RT	<i>H1: Measurement of Lambda_c in DIS</i> Tutor/responsible: Ekhard Elsen	2	DESY Germany
6.	AT	<i>H1: Participation in data taking, analysis of DIS data and work in the silicon tracker group.</i> Tutor/responsible: Ekhard	10.5	DESY Germany

		Elsen		
7.	RT	<i>ALICE: Preparation for first data taking in pp collisions.</i> Tutor/responsible: Andreas Morsch	1	CERN Switzerland

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	RT	<i>Operation of the Lidar system.</i> Tutor/responsible: Julio Rodriguez	2	Observatorio Pierre Auger Argentina
2.	STT	<i>Operation of the Fluorescence detector.</i> Tutor/responsible: Julio Rodriguez	2	Observatorio Pierre Auger 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.	STT	<i>ALICE. V0A Detector commissioning</i> tutor/responsible: P. Giubellino	2	CERN Switzerland
2.	STT	<i>ALICE. V0A Detector commissioning</i> tutor/responsible: P. Giubellino	2	CERN Switzerland
3.	STT	<i>ALICE. V0A Detector commissioning</i> tutor/responsible: P. Giubellino	2	CERN Switzerland
4.	RT	<i>ALICE. V0A Detector commissioning</i> tutor/responsible: P. Giubellino	1	CERN Switzerland
5.	RT	<i>ALICE. V0A Detector commissioning</i> tutor/responsible: P. Giubellino	1	CERN Switzerland
6.	RT	<i>AMS. RICH Simulation and analysis</i> tutor/responsible: M. Buenerd	1	Laboratoire de Physique Subatomique et de Cosmologie- IN2P3 France
7.	STT	<i>AMS. RICH Detector commissioning</i> tutor/responsible: M. Buenerd	2	Laboratoire de Physique Subatomique et

				de Cosmologie- IN2P3 France
8.	RT	<i>AMS. RICH Detector commissioning</i> tutor/responsible: M. Buenerd	1	Laboratoire de Physique Subatomique et de Cosmologie- IN2P3 France
9.	RT	<i>Research on Dark Energy and Dark Matter properties</i> tutor/responsible: A. Melchiorri	1	Università degli Studi di Roma “La Sapienza” Italia
10.	RT	<i>ALICE. Simulation and data analysis</i> tutor/responsible: A. Morsch	1.5	CERN Switzerland
11.	STT	<i>ALICE. V0A Detector commissioning</i> tutor/responsible: P. Giubellino	2	CERN Switzerland
12.	RT	<i>ALICE. Data analysis</i> tutor/responsible: J.P. Revol	2	CERN Switzerland
13.	STT	<i>ALICE phenomenology: relativistic heavy-ion subjects (parton energy loss)</i> tutor/responsible: N. Armesto	2	Universidad de Santiago de Compostela España
14.	RT	<i>ALICE- ACORDE commissioning</i> tutor/responsible: P. Giubellino	2	CERN Switzerland
15.	RT	<i>AUGER: Cosmic Ray composition phenomenology</i> tutor/responsible: F. Arqueros	1	Universidad Complutense Madrid España
16.	RT	<i>AUGER: Cosmic Ray composition data analysis</i> tutor/responsible: A. Insolia	1	Sezione di Catania dell’ INFN Italia
17.	RT	<i>AUGER Horizontal Shower studies</i> tutor/responsible: E. Zas	0.5	Universidad de Santiago de Compostela España
18.	AT	<i>Outreach group in LA. Grant is for participation in the CERN High School Teachers Program and training by the Outreach unit at CERN. tutor/responsible: P. Giubellino</i>	1	CERN Switzerland

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	RT	<i>Research on duality in particles with spin 2.</i> tutor/responsible: A. Khoudeir	0.5	Universidad de Los Andes Venezuela
2.	RT	<i>Research on non commutative Field Theories.</i> tutor/responsible: V. Rivelles	0.5	Universidade de São Paulo-USP Brazil

UNIVERSIDAD MICHOACANA DE SAN NICOLÁS DE HIDALGO (UMSNH)

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

Dr. Cupatitzio Ramírez Romero (Chair) - BUAP

Dr. Arturo Fernández Téllez - BUAP

Dr. Luis Villaseñor Cendejas - UMSNH

Alternating Members:

Dr. Jesús Toscano Chávez – BUAP

Dr. Víctor Manuel Villanueva - UMSNH

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	STT	<i>Transfer of technology from EUROPE to Mexico and Latin America. Graduate student Work on new detector technologies applied to PET imaging hardware and software. Tutor/responsible: Miguel Embid</i>	1	CIEMAT Madrid Españ

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: João dos Anjos</i>	1	Centro Brasileiro de Pesquisas Físicas (CBPF) Brazil
2.	RT	<i>AUGER. Person with PhD. Work on data analysis for the Pierre Auger Observatory. Tutor/responsible: Teresa Dova</i>	1	Universidad Nacional de La Plata Argentina

BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA (BUAP)

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Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country
1.	AT	<i>ALICE. Graduate student to get acquainted with the Electronics of the ACORDE detector.</i> Tutor/responsible: Fabio Formenti	6	CERN Switzerland
2.	RT	<i>ALICE. Training in the installation/management of the ACORDE Data acquisition system.</i> Tutor/responsible: Pierre Vandervevre	3	CERN Switzerland
3.	RT	<i>ALICE. Training in the configuration of the ACORDE-ALICE trigger processor.</i> Tutor/responsible: Fabio Formenti	3	CERN Switzerland

Latin America to Latin America

Grant	Type	Work Program	Months	Host Institution Country
1.	RT	<i>AUGER. Training on the computer simulations of the Auger Observatory in collaboration with the Surface Detector group</i> Tutor/responsible: Gualberto Avila	0.5	Pierre Auger Observatory Argentina
2.	RT	<i>AUGER. Training with the calibration procedure of the Surface Detector</i> Tutor/responsible: Gualberto Avila	0.5	Pierre Auger Observatory Argentina