

CERN

Grants for the Third Year (2007-2008)

FIRST CALL

Local Committee:

Luis Alvarez-Gaume
Patrick Fasnacht
Jose Salicio-Diez (Chair)

Latin America to CERN

Grant	Type	Work Program	Months	Institution of Origin Country	Grant-Holder
1.	STT	Work on the event display for Analysis Object Data. Preparation of high-pT and jet analysis. <i>Supervisor: A. Morsch</i>	2	PUCP Peru	<i>Ydalia Delgado</i>
2.	STT	Preparation of high-pT and jet analysis. <i>Supervisor: A. Morsch</i>	2	UNAM Mexico	<i>Not assigned</i>
3.	STT	ATLAS. Work with the ATLAS trigger group on integrating and validating the event-selection algorithms of the High Level Trigger for initial operation of the LHC <i>Supervisor: N. Ellis</i>	3	UAN Colombia	<i>Diego Rodriguez Patarroyo</i>
4.	RT	ATLAS. Work with the ATLAS collaboration on preparing computing for data analysis <i>Supervisor: N. Ellis</i>	2	UAN Colombia	<i>Gabriel Mañana Guichon</i>
5.	STT	ATLAS. Work with the ATLAS collaboration on the Tile calorimeter <i>Supervisor: N. Ellis</i>	1	UFRJ Brazil	<i>Rodrigo Coura Torres</i>

6.	RT	ATLAS. Work with the ATLAS collaboration on preparations for physics analysis <i>Supervisor: N. Ellis</i>	1	UNLP Argentina	<i>Maria Teresa Dova</i>
7.	STT	CMS ECAL Preshower installation and Commissioning. Post to be filled up in early 2008. <i>Supervisor: D. Barney</i>	3	Grants open to candidates from CMS collaborating institutions in Brazil, Colombia and Mexico.	<i>Not assigned</i>
8.	STT	CMS Offline Computing Software <i>Supervisor: L. Silvestris</i>	3	Grants open to candidates from CMS collaborating institutions in Brazil, Colombia and Mexico.	<i>Not assigned</i>
9.	STT	GRID computing and Software <i>Supervisor: M. Kasemann</i>	3	Grants open to candidates from CMS collaborating institutions in Brazil, Colombia and Mexico.	<i>Rogério Iope</i>
10.	STT	Trigger Commissioning. Complete and test the infrastructure for the monitoring of the High Level Trigger. <i>Supervisor: Hans Dijkstra</i>	3	UFRJ Brazil	<i>Rafael Coutinho</i>
11.	STT	Electronics commissioning of the silicon vertex detector (VELO). Suite of scripts to calculate, handle, and upload 10**6 parameters to the database for different running scenarios. <i>Supervisor: Paula Collins</i>	3	UFRJ Brazil	<i>Not assigned</i>
12.	STT	Trigger Upgrade. Study the trigger-confirmation strategy assuming that all detector information will be available at the full LHC clock rate of 40 MHz, rather than the 1 MHz to which LHCb is limited now. <i>Supervisor: Hans Dijkstra</i>	3	CBPF / UFRJ Brazil	<i>Not assigned</i>

Europe to Latin America

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	RT	Work with the ATLAS groups in PUC and UTFSM on software and on preparations for analysis of physics data <i>Supervisor: M.A. Diaz, C. Dib, I. Schmidt</i>	1	PUC Chile	<i>Monika Wielers</i>
2.	RT	Work with the ATLAS groups in PUC and UTFSM on software and on preparations for analysis of physics data <i>Supervisor: M.A. Diaz, C. Dib, I. Schmidt</i>	1	UTFSM Chile	<i>Luca Fiorini</i>
3.	RT	Physics analysis tools, tutorial new CMS software. <i>Supervisor: H. Castilla</i>	1	CINVESTAV Mexico	<i>Benedikt Hegner</i>
4.	RT	Physics analysis tools, tutorial new CMS software. <i>Supervisor: A. Santoro</i>	1	UERJ Brazil	<i>Joanna Weng</i>