

CHILE

Grants for the Third Year (2007-2008)

FIRST CALL

PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

Local Committee:

Dean María Cristina Depassier (Chair)
Prof. Rafael Benguria
Prof. Marcelo Loewe

Alternating Members:

Prof. Marco Aurelio Díaz

Latin America to Europe

Grant	Type	Work Program	Months	Host Institution Country	Grant-Holder
1.	AT	Graduate student to work within the Trigger and Data Acquisition group of the ATLAS Collaboration, and on simulation and data analysis, in connection with Higgs decay into two photons. <i>tutor/responsible: Dr. Nick Ellis</i>	6	CERN Switzerland	<i>Diego Romero</i>
2.	AT	Graduate student to work within the Trigger and Data Acquisition Group of the ATLAS Collaboration, and on simulation and data analysis, in connection with leptonic signals of supersymmetric models. <i>tutor/responsible: Dr. Nick Ellis</i>	6	CERN Switzerland	<i>Fernando Quiñones</i>
3.	STT	Graduate student to work within the Heavy Ion Group of the ATLAS collaboration, on simulation tools and data analysis. <i>tutor/responsible: Dr. Laurent Rosselet</i>	3	CERN Switzerland	<i>Raul Santos</i>
4.	RT	Researcher with PhD, to work on phenomenological studies of Higgs bosons and supersymmetric models, and the application of simulation tools	0.5	CERN Switzerland	<i>Marco Aurelio Diaz</i>

		for the ATLAS Trigger on the signal analysis for these models. <i>tutor/responsible: Dr. Nick Ellis/Dr. John Ellis</i>			
5.	STT	Graduate student to work within the Heavy Ion Group of the ATLAS collaboration, on simulation tools and data analysis. <i>tutor/responsible: Dr. Laurent Rosselet</i>	3	CERN Switzerland	<i>Mauricio Ipinza</i>

UNIVERSIDAD TÉCNICA FEDERICO SANTA MARIA

Valparaíso, Chile

Local Committee:

Ivan Schmidt (Chair)
Claudio Dib
Luis Salinas

Alternating Members:

Carlos Contreras

Latin America to Europe

Grant	Type	Work Program	Months	Host University Country	Grant-Holder
1.	STT	ATLAS EXPERIMENT: electronic Postgraduate student, to work in the CERN group for analysis of the Electromagnetic Compatibility of Power Distribution Systems for ATLAS. <i>Contact : Nick Ellis</i>	2	CERN Switzerland	<i>Cristian Fuentes</i>
2.	STT	Postgraduate student, to work in the CERN group for the development of data analysis communication software based on GRID technology. <i>Tutor: Gilbert Poulard</i> <i>Contact Pere Mato</i>	3	CERN Switzerland	<i>Raquel Pezoa</i>
3.	AT	Postgraduate student in Physics, to work in CERN Theory Group. Phenomenology of the Standard Model and its High Energy extensions. <i>Tutor: Dr. Nuria Rius</i>	7	Universidad de Valencia Spain	<i>Alfredo Vega</i>
4.	RT	Post doctoral candidate: to work in CERN Theory Group. <i>Contact: Luis Alvarez Gaume'</i>	2	CERN Switzerland	<i>Ivan Gonzalez</i>
5.	RT	<i>ATLAS:</i> Phenomenological study of the Standard Model and Beyond, application of ATLAS simulation tools, Grid computing, electronic and electrical engineering <i>Contact: Nick Ellis</i>	2	CERN Switzerland	<i>Not assigned</i>
6.	RT	<i>ATLAS:</i> Phenomenological study of the Standard Model and Beyond, application of ATLAS	2	CERN Switzerland	<i>Not assigned</i>

		simulation tools, Grid computing, electronic and electrical engineering <i>Contact: Nick Ellis</i>			
7.	RT (HST)	HELEN offers a grant to participate In the CERN High School Teaching Program. <i>Contact: Mick Storr</i>	1	CERN Switzerland	<i>Olivier Espinosa</i>