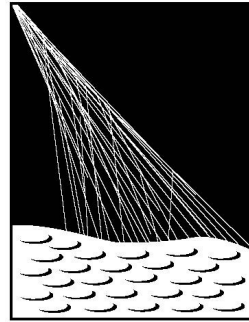


FD Operations & Maintenance



PIERRE
AUGER
OBSERVATORY

Jorge Rodriguez
PAO - Malargüe

Operations

● FDs operation during last shift

The weather has been very bad during most of the nights.

LL FD

- This building didn't run at the beginning of the shift, from June 8th to June 14th. After two power cuts occurred on June 7th, the GPS power supply became faulty but not completely broken, making it difficult to find the error.

HE

- Bay 1 out of DAQ from June 9th to June 13th because of a problem with the shutter. A new counterbalance system has been implemented.

LA LM CO FDs

- Running without major problems, except the ones produced by weather conditions (rain, wind, power cuts).

● FD shift Schedule

- Like it was said in the Brussels meeting, all expected shifters for this year have been reached. Thanks to all the participants.

2023

People in Shift			
<u>Dates</u>	<u>Collaborators</u>		<u>Suggested Shifters Number</u>
From first day evening to last day morning	<u>Local</u>	<u>Remote</u>	#
Jan 15th - Jan 30th (FULL)	J. de Jesus (AR:ITeDA), V.V. Kizakke Covilakam (AR:ITeDA), P. Filip (DE:KIT), F. Heizmann (DE:KIT)		4
Feb 14th - Mar 01st (FULL)	E. Rodriguez (AR:ITeDA), J.M. Gonzalez (AR:CAB), C. Perez Bertolli (AR:ITeDA), F. Gollan (AR:ITeDA)		4
Mar 15th - Mar 31st (FULL)	R. Mussa (IT:Torino), J. Pallotta (AR:CITEDEF), S. Seghal (DE:Wuppertal), G. Nicora (AR:CITEDEF), K. Almeida-Cheminant (PL:Krakow)		5
Apr 12th - Apr 29th (FULL)	T. Schulz (DE:KIT), O. Tkachenko (DE:KIT)	J. Schulte (DE:Aachen), N. Langner (DE:Aachen), J. Glombitza (DE:Aachen)	5
May 10th - May 29th (FULL)		R. Conceicao (PT:LIP), P.J. Costa (PT:LIP), A. Fernandes (PT:LIP), B. Tome (PT:LIP), L. Apollonio (IT:Milano) in Lecce, E. de Vito (IT:Lecce)	6
Jun 08th - Jun 28th (FULL)	A. Timmermans (NL:Nijmegen), J. Bjork (NL:Nijmegen), C. de Oliveira (BR:USP, 2nd half of shift), J. Gouvea Mamprim (BR:USP, 2nd half of shift)	R. Mussa (IT:Torino), H. Beltrami (IT:Torino)	6
Jul 08th - Jul 27th (FULL)		J. Bellido (AU:Adelaide), B. Dawson (AU:Adelaide), B. Keilhauer (DE:KIT), KIT-shifter2 (DE:KIT), Lecce-shifter1 (IT:Lecce), Lecce-shifter2 (IT:Lecce)	6
Aug 06th - Aug 25th (FULL)	N. SanMartin (AR:CAB, 1st half of shift), L.E. Diaz (AR:CAB, 1st half of shift), L.A. Martinek (AR:CAB, 1st half of shift), J.J. Miranda (AR:Mendoza), A. Moroz (Obs. staff)	G. Isar (RO:ISS), A. Saftoiu (RO:ISS)	6
Sep 04th - Sep 22nd (FULL)	M. Gottowik (ES:USC), USC-shifter 2 (ES:USC), USC-shifter 3 (ES:USC), USC-shifter 4 (ES:USC), USC-shifter 5 (ES:USC)		5
Oct 04th - Oct 21st (FULL)		H. Salazar (MX:BUAP), O.M. Bravo (MX:BUAP), E. Varela (MX:BUAP), S. Vorobiov (SI:Nova Gorica), J.P. Lundquist (SI:Nova Gorica)	5
Nov 03rd - Nov 18th (FULL)	J. Pawlowsky (DE:Wuppertal), A. Khakurdikar (NL:Nijmegen), A. Bwembya (NL:Nijmegen), M. Ismaiel (NL:Nijmegen)		4
Dec 03rd - Dec 19th (FULL)	N. Denner (CZ:FZU), M. Majercakova (CZ:FZU), A. Bakalova (CZ:FZU)	M. Niechciol (DE:Siegen)	4

Maintenance

- If the new counterbalance implemented in HE bay1 works, it will be replicated in the other two bays.
- So far, the program to clean the HEAT mirrors for the month of October is maintained. To ensure that everything is prepared for that time, constant communication is maintained between the work groups and the local staff.