ATLAS team breakfast

Discussion

- Craig presents the detailed plans for testing ITK modules in 2022 and 2023

- OTPs and commitments, and how we fulfil our duty
  - https://twiki.cern.ch/twiki/pub/Atlas/OtpShiftClasses/Shifts_per_institution_2022.pdf
  - https://twiki.cern.ch/twiki/pub/Atlas/OtpShiftClasses/WhatIsOTP_2022.pdf

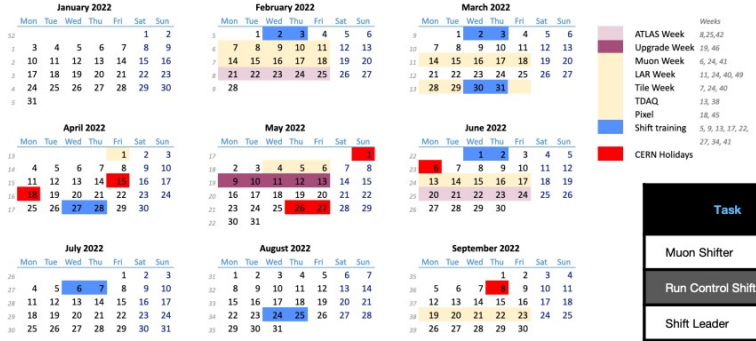
- Discussion on how to fill OTP and commitments
- AOB

Shift coverage

Shift coverage is much lower than in previous Runs on Muon, Trigger, Run Control and Shift Leader desks. We are puzzled about the why.

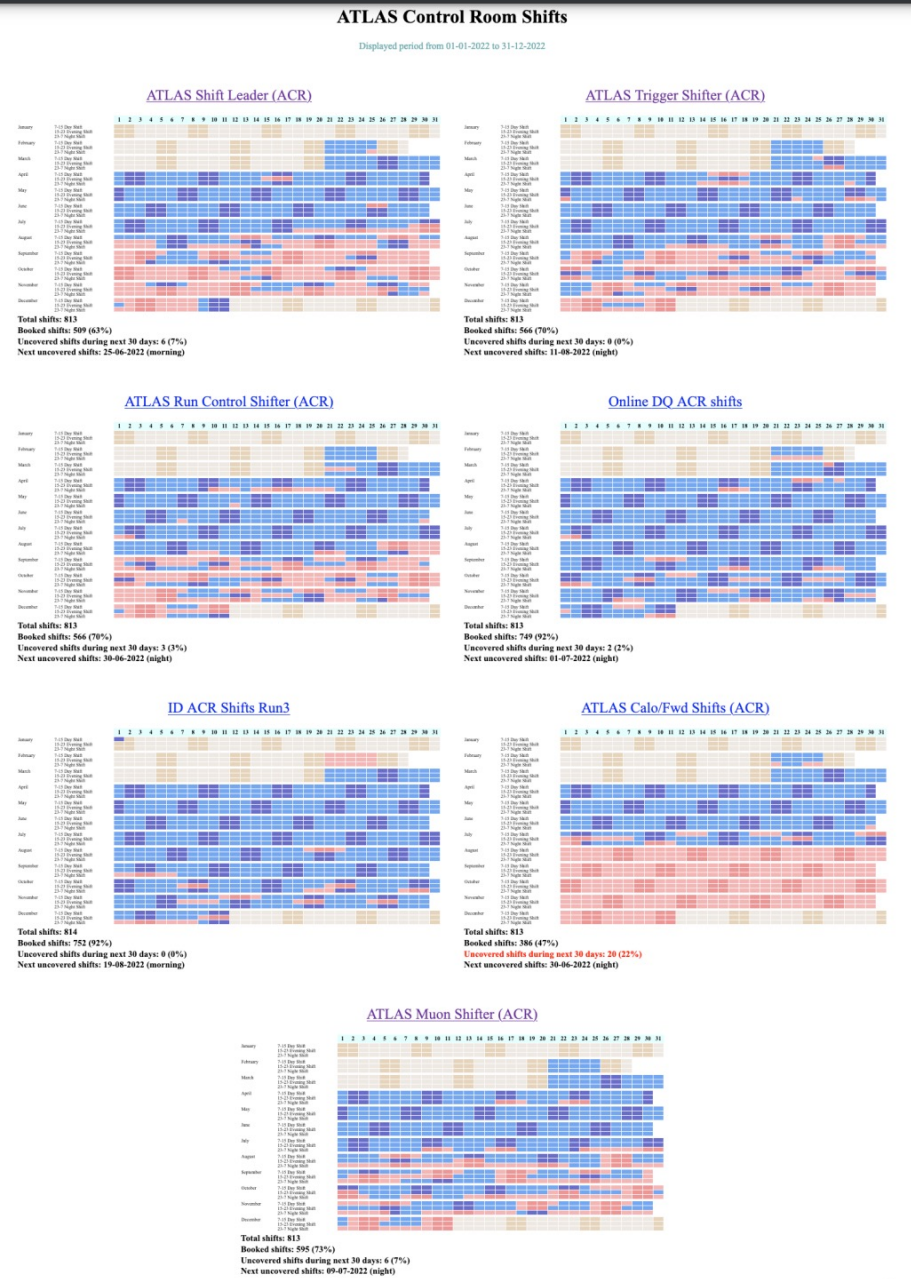
Took several measures from the beginning

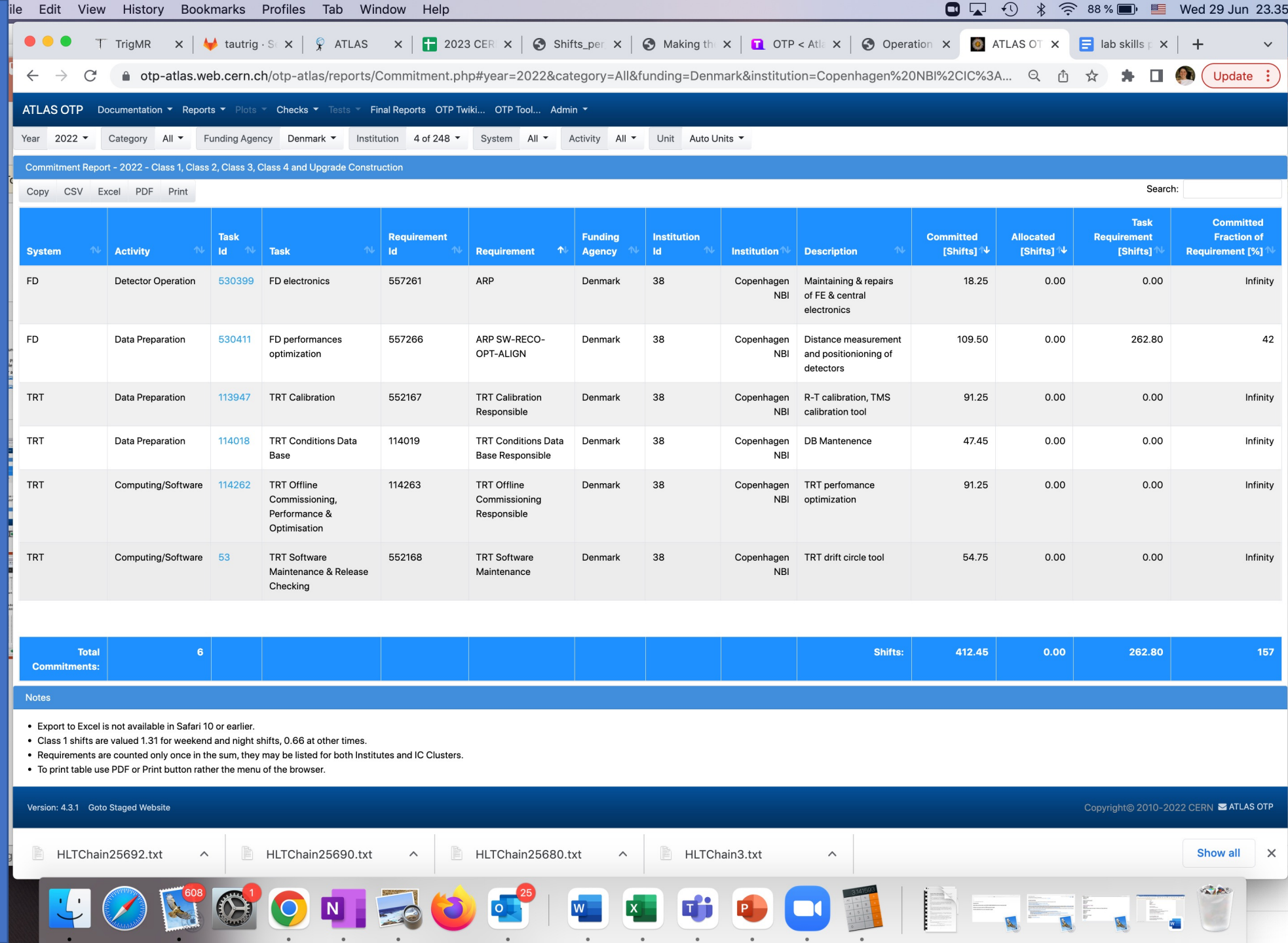
- Allow remote training participation
- More training sessions than before Run 2
- Strict COVID measures in the ACR to make people feel safe
- Parallel signup for training and first shifts to make it easier to arrange travel
- A training info portal with a lot of information and easy to find https://atlasop.cern.ch/twiki/bin/view/Main/ShiftTraining



	Weeks
ATLAS Week	8,25,42
Upgrade Week	19, 46
Muon Week	6, 24, 41
LAR Week	11, 24, 40, 49
Tile Week	7, 24, 40
TDAQ	13, 38
Pixel	18, 45
Shift training	5, 9, 13, 17, 22, 27, 34, 41
CERN Holidays	

Task	Average #shifts in 2018	Est. average #shifters
Muon Shifter	16.4	50
Run Control Shifter	10.1	81
Shift Leader	14.1	58
Trigger Shifter	8.9	92
Online DQ Shifter	12.6	65
Calo/Fwd Shifter	16.7	49
ID Shifter	17.4	47
		442





ATLAS OTP Documentation Reports Plots Checks Tests Final Reports OTP Twiki... OTP Tool... Admin

Year 2022 | Category All | Funding Agency Denmark | Institution 4 of 248 | System All | Activity All | Unit Auto Units

Commitment Report - 2022 - Class 1, Class 2, Class 3, Class 4 and Upgrade Construction

Copy CSV Excel PDF Print Search:

System	Activity	Task Id	Task	Requirement Id	Requirement	Funding Agency	Institution Id	Institution	Description	Committed [Shifts]	Allocated [Shifts]	Task Requirement [Shifts]	Committed Fraction of Requirement [%]
FD	Detector Operation	530399	FD electronics	557261	ARP	Denmark	38	Copenhagen NBI	Maintaining & repairs of FE & central electronics	18.25	0.00	0.00	Infinity
FD	Data Preparation	530411	FD performances optimization	557266	ARP SW-RECO-OPT-ALIGN	Denmark	38	Copenhagen NBI	Distance measurement and positionioning of detectors	109.50	0.00	262.80	42
TRT	Data Preparation	113947	TRT Calibration	552167	TRT Calibration Responsible	Denmark	38	Copenhagen NBI	R-T calibration, TMS calibration tool	91.25	0.00	0.00	Infinity
TRT	Data Preparation	114018	TRT Conditions Data Base	114019	TRT Conditions Data Base Responsible	Denmark	38	Copenhagen NBI	DB Mantenence	47.45	0.00	0.00	Infinity
TRT	Computing/Software	114262	TRT Offline Commissioning, Performance & Optimisation	114263	TRT Offline Commissioning Responsible	Denmark	38	Copenhagen NBI	TRT perfomance optimization	91.25	0.00	0.00	Infinity
TRT	Computing/Software	53	TRT Software Maintenance & Release Checking	552168	TRT Software Maintenance	Denmark	38	Copenhagen NBI	TRT drift circle tool	54.75	0.00	0.00	Infinity
Total Commitments:	**6**								**Shifts:**	**412.45**	**0.00**	**262.80**	**157**

Notes

- Export to Excel is not available in Safari 10 or earlier.
- Class 1 shifts are valued 1.31 for weekend and night shifts, 0.66 at other times.
- Requirements are counted only once in the sum, they may be listed for both Institutes and IC Clusters.
- To print table use PDF or Print button rather the menu of the browser.

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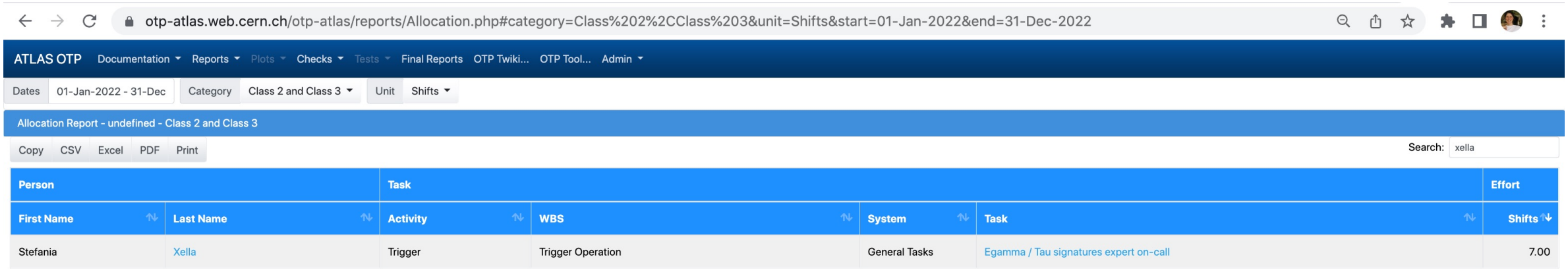

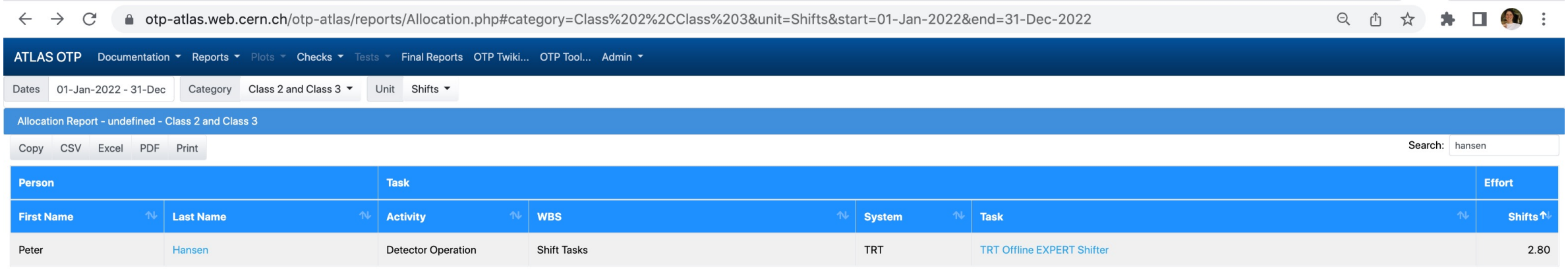

14 shifts, each counts 0.5, class 2

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twiki.cern.ch/twiki/pub/Atlas/OtpShiftClasses/Shifts_per_institution_2022.pdf

Update

Shifts_per_institution_2022.pdf 1 / 2 175%

ID	Institution	Funding Agency	Directory	Authors	M&O	f-M&O	ActQual	OT	New	Corrected OT	Class 4 FTEs	Effective OT	Effective OT Class 3	Upgrade	Total Quotas for 2022 Class 1 & 2 Shifts	Class 3 FTEs
275	Adelaide	Australia	13	7	3	0.0016	14	7.5	A	7.50		7.50	9.39	0.85	86	2.50
2	Alberta	Canada	15	5	5	0.0026	5	5	A	5.00		5.00	6.90	0.05	57	1.83
1013	Ankara cluster	Turkey	12	5	5	0.0026	7	5	A	5.00		5.00	6.96	0	57	1.85
9	Annecy LAPP	France IN2P3	43	17	14	0.0074	22	17	A	17.00	0.05	16.90	10.44	10.62	193	2.77
11	Argonne	US DOE + NSF	26	13	12	0.0063	13	12	A	12.00		12.00	6.94	7.92	137	1.85
12	Arizona	US DOE + NSF	37	13	9	0.0048	23	12.75	A	12.75		12.75	11.58	5	146	3.08
13	Arlington UT	US DOE + NSF	39	12	9	0.0048	16	10.5	A	10.50	0.10	10.30	11.25	2.5	118	2.99
15	Athens NKUA	Greece	11	5	4	0.0021	7	4.75	A	4.75		4.75	6.61	0	54	1.76
14	Athens NTU	Greece	24	9	3	0.0016	18	7.5	A	7.50		7.50	10.44	0	86	2.77

We owe 89 shifts (class 1 counts 1.31 for weekend and night shifts, 0.66 at other times. class 2, eg tau expert on shift, counts 0.5) and 1.89 FTE of class 3.

That is about 15 shifts (eg 2 weeks as shift leader, or 4 weeks as class 2 expert) and 0.3 FTE of class 3 EACH. Upgrade has been already subtracted.

34	CERN	CERN	246	109	105	0.0555	116	106.5	A	106.50		106.50	96.58	41.91	1217	25.67
35	Chicago	US DOE + NSF	36	11	9	0.0048	19	13.5	A	13.50	0.10	13.30	12.04	5.25	152	3.20
1006	Chile Cluster	Chile	62	13	12	0.0063	21	15.75	A	15.75		15.75	17.24	3.8	180	4.58
1019	China IHEP-NJU-THU cluster	China NSFC+MSTC	117	46	21	0.0111	83	48	A	48.00		48.00	39.86	21.87	548	10.59
1018	China USTC-SDU-SJTU cluste	China NSFC+MSTC	134	78	33	0.0174	136	74.25	A	74.25		74.25	87.31	13	848	23.21
36	Clermont-Ferrand	France IN2P3	33	10	8	0.0042	14	10.25	A	10.25		10.25	5.08	8.5	117	1.35
1020	Colombia Cluster	Colombia	15	3	2	0.0011	4	2.75	A	2.75		2.75	3.83	0	31	1.02
37	Columbia	US DOE + NSF	32	17	10	0.0053	26	16	A	16.00		16.00	15.86	5.2	183	4.22
38	Copenhagen NBI	Denmark	23	8	8	0.0042	8	8	A	8.00	0.10	7.80	7.10	3.05	89	1.89
39	Cosenza	Italy	18	11	8	0.0042	16	11	A	11.00		11.00	10.63	3.8	126	2.82
44	Dallas SMU	US DOE + NSF	18	9	7	0.0037	14	8.5	A	8.50		8.50	6.09	4.66	97	1.62
193	Dallas UT	US DOE + NSF	4	3	2	0.0011	3	2	A	2.00		2.00	1.97	0.66	23	0.52
315	Demokritos	Greece	9	5	2	0.0011	7	3.5	A	3.50		3.50	4.87	0	40	1.29
182	DESY	Germany DESY	120	69	47	0.0248	109	67.25	A	67.25		67.25	58.65	28.36	768	15.59
45	Dortmund	Germany BMBF	28	9	5	0.0026	21	9.5	A	9.50		9.50	5.36	6.38	109	1.43
176	Dresden	Germany BMBF	28	14	6	0.0032	30	13.5	A	13.50		13.50	14.66	3.35	154	3.90
46	Duke	US DOE + NSF	21	9	6	0.0032	15	9	A	9.00		9.00	12.12	0.33	103	3.22
248	Edinburgh	United Kingdom	29	18	12	0.0063	28	18	A	18.00		18.00	21.24	3.09	206	5.65
47	Frascati	Italy	33	10	10	0.0053	10	10	A	10.00	0.50	9.00	5.47	5.73	103	1.45
48	Freiburg	Germany BMBF	72	35	24	0.0127	65	39	A	39.00	1.15	36.70	37.84	10.74	419	10.06
49	Geneva	Switzerland	50	22	19	0.01	44	28	A	28.00		28.00	26.95	9.75	320	7.16
50	Genova	Italy	24	14	13	0.0069	17	14.5	A	14.50		14.50	8.13	9.78	166	2.16

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How to proceed

- If we want to remain authors, we need to do much more.

- Please find a couple of weeks of class 2 shifts, or some class 3 work, or class 1 shifts in CR.
- Let me know once you found something, and before we meet again end of september.

- For 2023, we need to help Craig as well. PhD student wont help till mid 2023 (authorship qualification task first).