

- ATLAS Operation Tasks -
Responsibilities of the ATLAS MPP Group

October, 2016

Useful links

- Operation Task Planner (OTP) Homepage:
<https://twiki.cern.ch/twiki/bin/view/Atlas/OTP>
- General information on shift classes, contact persons and responsibilities:
<https://twiki.cern.ch/twiki/bin/view/Atlas/OtpShiftClasses>
- Latest Class 1,2&3 status reports for each ATLAS member:
<https://twiki.cern.ch/twiki/bin/view/Atlas/OTP>
- Institutes' contributions over the past few years:
https://twiki.cern.ch/twiki/pub/Atlas/OtpGeneratedReports/Multi-Year_Report.pdf
- Requirements and ranking for conference talks
https://twiki.cern.ch/twiki/bin/viewauth/AtlasProtected/AtlasSCAB#The_SCAB_lists_of_high_priority
- OTP Tool, for managing your own shifts and following your OTP credits
<https://atlas-otp.cern.ch/mao/client/cern.ppt.mao.app.gwt.MaoClient/MaoClient.html#home>
- Checking your OTP credits in Glance (under “Membersh information”):
<https://atglance.web.cern.ch/atglance/membership/main.php>

Thank you, Felix!

OTP shift classes

Class 1 operation task:

ACR shifts - Central and Detector Shifts in ATLAS Control Room at Point-1.
Weekend and night shifts weighted by a factor 1.3

Class 2 operation task:

Other shifts - Satellite control rooms, computing, remote or on-call shifts.
Counted together with Class 1 shifts. (*MPP: MDT Calibration*)

Class 3 operation task:

Expert operation tasks -

*At MPP: Authorship qualification, Analysis&Performance
(e.g. MC production, software management ...), ...*

MPP responsibilities for 2016 (based on 32 MPP authors):

- 456 Class-1&2 Shifts => **~ 14 shifts per author**
(1 shift corresponds to 8 hours equivalent work time)
- 8.22 Class-3 FTEs => **~ 0.25 FTE per author (i.e. $0.25 \cdot 365 \approx 90$ shifts)**
(1 FTE corresponds to 8 hours per day * 365 days)

Requirements from the Speakers Committee

OTP credits are taken into account when assigning speakers for conference talks. => **The more you have, the merrier!**

- **At least 0.1 FTE of OTP credit accumulated over the previous 3 years.**

The OTP requirement is waived for newly-qualified (within the previous six months) candidates and for candidates doing upgrade detector work.

- *OTPValue* is calculated from the number of FTEs of OTP done in the last 3 calendar years plus the current year:

OTPValue = 0 if the accumulated OTP in the SCAB database is < 0.1 FTE

OTPValue = 5*OTP if OTP < 1 FTE

OTPValue = 5 + (OTP-1)*1.5 if OTP > 1 FTE

OTPValue = 9.5 is the maximum possible value as OTP is capped at 4.

ATLAS MPP Authors and MDT/Minerva share

Official MPP authors:

Barillari, Bethke, Compostella, Cortiana, Ecker, Ince, Kiryunin, Kluth, Koehler, Kortner, Kortner, Kroha, La Rosa, Macciolo, Maier, McCarthy, Menke, Müller, Nisius, Nowak, Oberlack, Richter, Rieck, Salihagic, Savic, Schacht, Schmidt-Sommerfeld, Spettel, Stonjek, von der Schmidt, Wildauer, Zinonos

MDT/Minerva share:

$11/32 = 0.343 \Rightarrow$ **157 Class-1 Shifts and 2.8 Class-3 FTE**

- Some of our authors are not active any more (Nowak, Richter)
- But, we also have a few **non-qualified members** who also contribute to OTP:
Gadow, Hönle, (Junggeburth), Kraus, (Maschek), Takasugi, (Walbrecht) + 1 FTE engineer.

\Rightarrow Therefore, **we share the shifts among ~15 (not 11) people.**

Pro person: 11 Class-1 shifts and 0.19 Class-3 FTE (70 shifts).

But not everybody can go to CERN for Class-1 shifts,
i.e. those who can should do more Class-1 (and less Class-3),
and vice versa.

The most comfortable way:

try to find an expert Class-3 task related to your current work.

Current MPP Credits

	Class 1	Class 2	Class 3
MPP Total 2015	58%	12%	80%
MPP Total 2016	148 (32%)		3.28 (40%)
MDT/Minerva 2016	113 /157 (72%)		1.34 / 2.8 (47%)
Köhler	7.89	-	0.27
O. Kortner	-	-	0.20
S. Kortner	-	-	0.06
Kroha	-	-	0.12
Müller	-	-	0.06
Richter	-	-	0.06
Schm.-Somm.	-	-	0.15
Zinonos	14	-	-
Kraus	8.54	-	-
Röhrig	67.65	-	0.06
Takasugi	22.28	-	-
Engineers	-	-	0.24

General guidelines

- People based at CERN should do as many Class 1 shifts as possible.
- All PhD students, postdocs if possible, should do Class 1 Shifts at CERN. ATLAS requires ~ 20 shifts minimum per year to assure continuity in the control room.
- Class 3 shifts should be done by everybody (0.25 FTE per year).
 - Even more preferred are tasks related to your own current work.
 - Make sure that your authorship qualification is also credited (quite often the credits are entered only once per year, ~Nov./Dec.)
- For Class-1 shift booking and training, please consult the links.
 - The obvious ones are MDT Calibration shifts (contact Rainer).
 - Muon Class 1 shifts are announced once or twice per year to muon community before they go to the whole ATLAS. We have to be fast.
 - All other shifts are also welcome.