



ATLAS
EXPERIMENT



Universidade do Minho
Escola de Ciências



How to do a PhD

Ana Peixoto for the Early Career Scientist Board
ATLAS Induction Day
CERN, 21st October 2019

Introduction

- The **ATLAS Early Career Scientist Board** (ECSB) is a **special advisory group** dedicated to assisting the ATLAS Collaboration in building an environment where **full scientific potential of young scientists can be realised**
- **Visit us** on our [webpage](#) or [facebook group](#)
- **Contact us** via atlas-ecsb@cern.ch and subscribe to our announcement list:
atlas-ecsb-announcements
- **Alumni:** Rустем Оспенов, Катерина Пачал, Рут Поттген, Валентина Каиро, Габриэль Фацини, Клер Ли и Миха Мускинья
- **Current members:** Reina Toro, Lesya Horyn, Dimitrii Krasnopevtsev, Xingguo Li, Luigi Marchese, Ana Peixoto and Stefan Richter

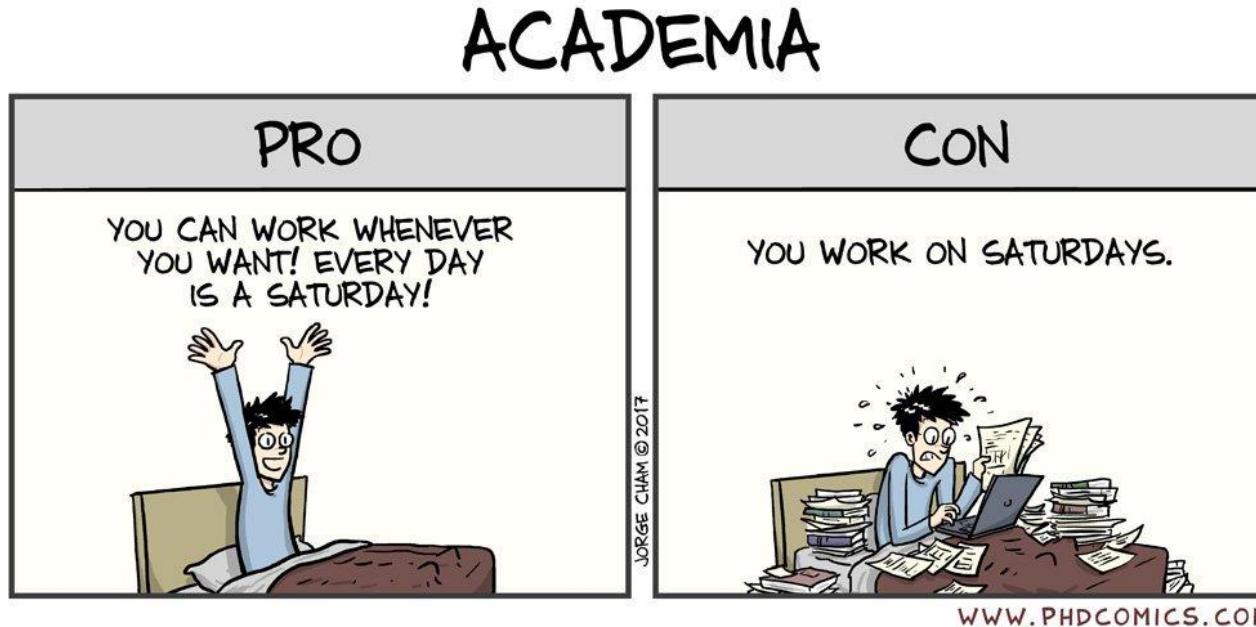


How to do A PhD?

- PhD is a personal experience and the path is different for everyone
- We can share our experience with you and guide you through some aspects that you will surely encounter:
 - Work/life balance,
 - Qualification task,
 - What's going on in the Collaboration,
 - Conferences/workshops,
 - Fun stuff!

How to do A PhD?

- PhD in ATLAS is a lot of hard work and learning new things...



How to do A PhD?

- During this week, you will see much more than you could possibly remember
- It might seem completely overwhelming at first

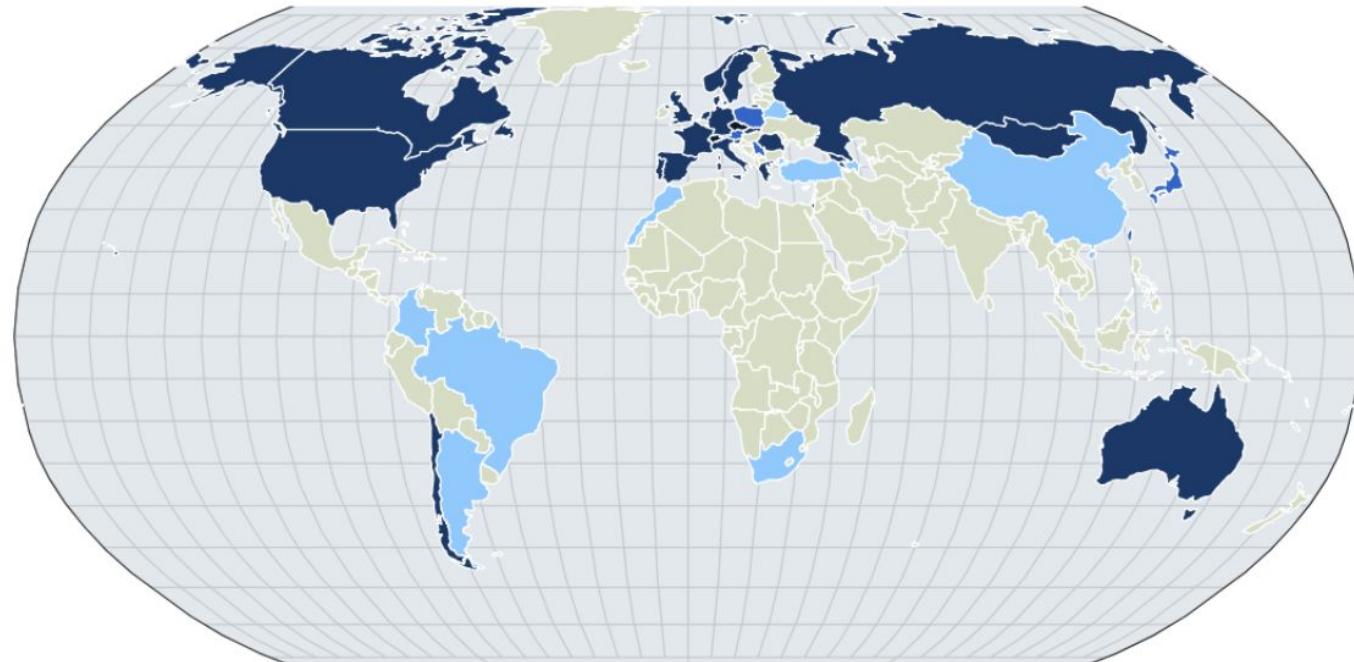


How to do A PhD?

- During this week, you will see much more than you could possibly remember
- It might seem completely overwhelming at first
- ... but your work habits will change while you learn things and you will be much more efficient as you gain experience!



Welcome To ATLAS!



ATLAS members per inhabitants



1 ATLAS member in every million people

1 ATLAS member in every hundred thousand people

The ATLAS Experiment @ 2016 CERN

Welcome To ATLAS!

Profession	Number of people (fraction)	Fraction of women (%)
Physicist	2,237 (44%)	17±1
Physics PhD student	1,080 (21%)	24±1
Physics master/diploma student	443 (9%)	22±2
Summer/undergraduate student	234 (5%)	27±3
Engineering student	67 (1.3%)	12±4
Engineer	711 (14%)	10±1
Technician	210 (4%)	7±2
Administrative support	78 (1.5%)	62±5

Table 1: Number of ATLAS members in various categories. The fraction of people is given with respect to the total number of ATLAS members for which all data are available. The fraction of female members within that category is listed in the right column. The uncertainties are statistical.

[ATL-GEN-PUB-2016-001](#)

Take Part!

- The ATLAS Collaboration is gigantic...
- PhD study is a perfect time to explore your interests and try new things
 - During the later stages of your career, you will either work on a specific task or be required to have clear interests



- Do not be shy and not hesitate to ask for help
- **We are all learning all the time!**
- If you feel insecure about your decisions, take time and discuss your options with your supervisor, friends, conveners,...

How can you Take part (more technically)

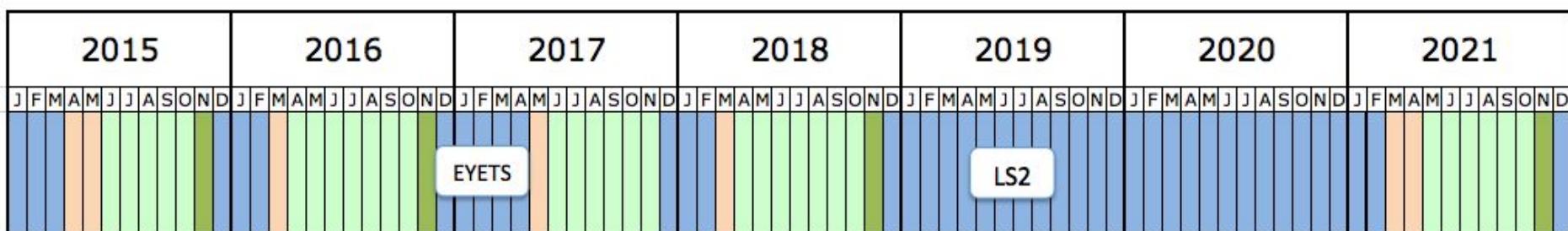
Qualification Task
(QT)

Operation Task
Planning (OTP)

Talks at international
conferences

Physics and Performance

LHC Long-Term Schedule



How can you Take part (more technically)

Qualification Task (QT)

Operation Task Planning (OTP)

Talks at international conferences

- A task that will grant you a spot in the ATLAS Authors list once you complete it
 - You definitely want to be the author of the paper of your ATLAS PhD work
 - You are encouraged to continue the authorship related work after qualifying

How can you Take part (more technically)

Qualification Task
(QT)

Operation Task
Planning (OTP)

Talks at international
conferences

Physics and Performance

- Somebody built the detector for you years ago: please take care of it and contribute to the common good. In reward you get OTPs
 - There are many ways to contribute..



How can you Take part (more technically)

Qualification Task
(QT)

Operation Task
Planning (OTP)

Talks at international
conferences

Physics and Performance

- Present your work at international conferences on behalf of the ATLAS Collaboration
 - ATLAS has a priority system to distribute talks as equally as possible.
 - Based on OTP and P&P work...



How can you Take part (more technically)

Qualification Task
(QT)

Operation Task
Planning (OTP)

Talks at international
conferences

Physics and Performance

- If your PhD is in a physics analysis, this is your main area of work
- Optimize the reconstruction of objects and test the Standard Model to its limits.





...LET'S GO
EXPLORING!

How to become An ATLAS author

- All the details are summarized in this Twiki page:
 1. Must be a qualifying ATLAS member for at least one year,
 2. Not be an author of another major LHC collaboration at the time of application,
 3. Have spent at least 80 working days doing pre-agreed ATLAS technical work.
- The qualification task has to be formally agreed upon by your supervisor and by a representative of ATLAS, and then entered in the Glance database
- How to find an interesting task for you?
 - Discuss with your supervisor about the possibilities. Maybe try to find something related to your PhD work, or something that generally interests you.
 - Twiki pages of each group always list ‘open tasks’. Most of them can be taken as qualification tasks. Contact the corresponding conveners to arrange the task.

Tracking

Muons

e/gamma

Taus

Jet/Etmiss

Flavor
Tagging

Computing

Data
Preparation

How to become An ATLAS author

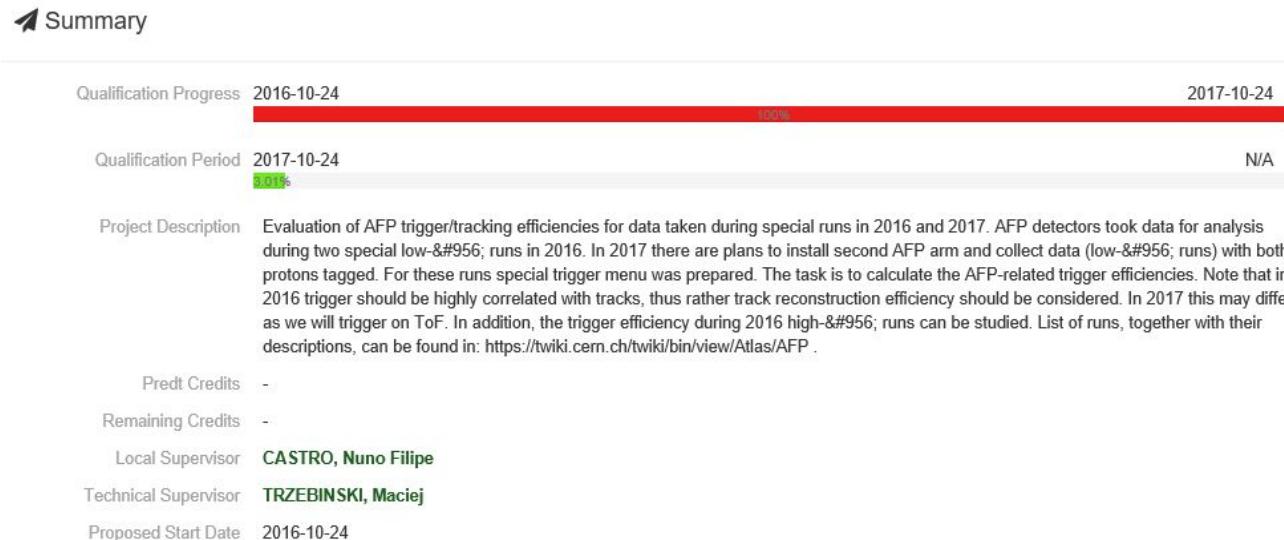
The qualification takes at least one year (even if you finish everything earlier). Start as soon as possible to start signing the papers!

Find the best task for you together with your supervisor. You can browse the ‘open task’ pages to find something interesting for you.

- Some useful pages:
 - <https://twiki.cern.ch/twiki/bin/view/Atlas/AuthorShipCommittee>
 - All groups will have an ‘open task’ link from the home page

Qualification Task Tracking in Glance

- The Glance 'Membership' page is very useful to review personal info
 - <https://glance.cern.ch/atlas/membership/>



Members
▪ My profile

Qualification Task Tracking in Glance

Information request by the Institute Representative

Submission by the Institute Representative ▾

Project approval by the Project Leader/Activity Coordinator ▾

Project approval by the Authorship Committee ▾

Qualification checkpoint approval by the Technical Supervisor ▾

Final report on qualification project by the Technical Supervisor ▾

Qualification date by the Authorship Committee ▾

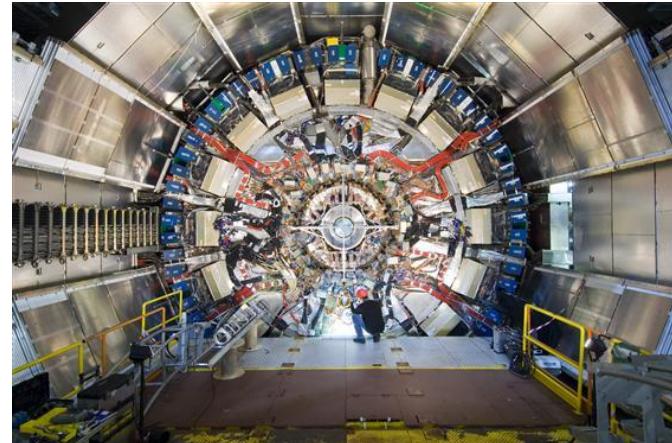
Step 5: Four months after the start of the project, the Technical Supervisor should evaluate the progress of the task: **has the task started? Is progress being made?** This is done via the Glance DB by filling the 'engagement checkpoint' box.

Step 6: After one year from the beginning of the qualification, the Technical Supervisor will have to submit a report in Glance, answering the following question: **was the task completed according to the pre-agreed task description?**



Operational Task Planning (OTPs)

- The detector was built some years ago and now it is our responsibility to take care of it!
- OTP stands for ‘Operational Task Planning’
- **Contributing to the detector operations is fundamental:** if you do it, you will be awarded OTPs



How to get OTPs?

- All information about the OTPs is gathered in this [Twiki page](#)
- Each institution has an obligation to perform a certain amount of operations-related work, and you will contribute to your institution's quota
- Generally, OTPs are available for pre-determined non-analysis tasks:
 - Detector operation (ATLAS control room shifts, expert on-call shifts),
 - Software development and maintenance,
 - Calibration and object performance measurements,
 - Data preparation,
 - Outreach work,
 - ...
- OTP tasks can be found in the same as qualification tasks!

OTPs

Classes

<https://twiki.cern.ch/twiki/bin/view/Atlas/OtpShiftClasses>

Class	Description
1	ATLAS Control Room shifts (central and detector shifts)
2	Other shifts (e.g. computing shifts, on-call shifts)
3	Expert operation tasks (e.g. software-related activities)
4	Specific Computing tasks (e.g. handling GRID infrastructures)

For class 1 shifts you need to pass the [shifter training](#). Before your first ACR shift, you need to take shadow shifts.

OTPs Are public!

- You can review your OTPs in the [Glance Membership page](#)
- In the same way you can view OTPs of anyone in ATLAS...

Basic Info	Employments	Qualification	Publications	Appointments	Talks	Theses	OTP																						
Class 1																													
<table><thead><tr><th>System</th><th>Activity</th><th>Task</th><th>2017</th><th>2018</th><th>Total</th></tr></thead><tbody><tr><td>Total</td><td></td><td></td><td>0.00</td><td>0.00</td><td>0.00</td></tr><tr><td colspan="6">Total FTE (shifts/243)</td><td>0.00</td><td></td><td></td></tr></tbody></table>									System	Activity	Task	2017	2018	Total	Total			0.00	0.00	0.00	Total FTE (shifts/243)						0.00		
System	Activity	Task	2017	2018	Total																								
Total			0.00	0.00	0.00																								
Total FTE (shifts/243)						0.00																							
Class 2																													
System	Activity	Task	2017	2018	Total																								
FD	Detector Operation	FD On call	50.00	50.00																									
General Tasks	Trigger	Jets / MET / CALO signatures expert on-call		18.00	18.00																								
Total			50.00	18.00	68.00																								
Total FTE (shifts/243)						0.21	0.07	0.28																					

OTPs are measured in units of
Full Time Equivalent (FTE).
 $1 \text{ FTE} = 243 * 8 \text{ hours of work}$

Do I Need OTPs?

- Yes! Apart from these tasks being crucial for the collaboration, OTPs are required to get ATLAS talks
- OTPs are also needed for roles such as convenership. About > 0.2 per year signals a good contribution to operations aspects

You earn OTPs by performing operational tasks other than your PhD (analysis) work

- This work can be related to your analysis (e.g. e/gamma performance), or something completely different (detector operation)
- You can earn OTPs by continuing your authorship task after qualifying

How to find out what's going On in the Collaboration?

- Basic mailing lists
 - atlas-active-members
 - atlas-current-physicists
- Take the time to read the Weekly ATLAS Digest
<https://atlas-collaboration.web.cern.ch/>



Meetings

- Today's meetings
- Forthcoming meetings
- ATLAS Collaboration weeks

- This week's meetings
- All ATLAS Meetings
- ATLAS Workshops

Special events this week

- **ATLAS Week, 8-12 October CERN**

ATLAS Weekly Digest

ATLAS Weekly meeting

Every Tuesday at 14:00

- ATLAS Weekly meetings are a very useful source of up-to-date activities
- Attend in person / connect from Vidyo / watch the recording / or just inspect the slides
- Very rare people will understand the entire content from the Weekly
 - It is useful to discuss the presenter material with your group/friends/...



ATLAS Weekly

Tuesday 15 Oct 2019, 14:00 → 14:40 Europe/Zurich

40/S2-C01 - Salle Curie (CERN)

Karl Jakobs (Albert-Ludwigs-Universitaet Freiburg (DE))

Description Vidyo PIN is 151019

Reminder: ATLAS Weekly meetings are recorded

Help:

For questions/problems regarding Vidyo, please contact: vidyo-support@cern.ch.
For questions/problems regarding Webcast, please contact: webcast-support@cern.ch.

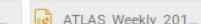
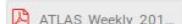
Videoconference Rooms  ATLAS_Weekly

Webcast  There is a live webcast for this event

Support  martine.desnyder-ivesdal@cern.ch

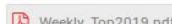
14:00 → 14:10 News

Speaker: Karl Jakobs (Albert-Ludwigs-Universitaet Freiburg (DE))



14:15 → 14:35 Highlights of the TOP2019 Workshop

Speaker: Elizaveta Shabalina (Georg August Universitaet Goettingen (DE))



ATLAS Collaboration

Weeks

- Three ATLAS Collaboration weeks per year (<https://indico.cern.ch/category/6848/>). One of them is always outside CERN
- Overview of all collaboration activities, planning, most important tasks,etc.
- **Try to attend at least one ATLAS week in person** and definitely check the slides if you can not attend it. Vidyo connection is of course also available
- Dedicated poster session for newest members:
 - This may be a good way to convince your institute leader that you have to attend

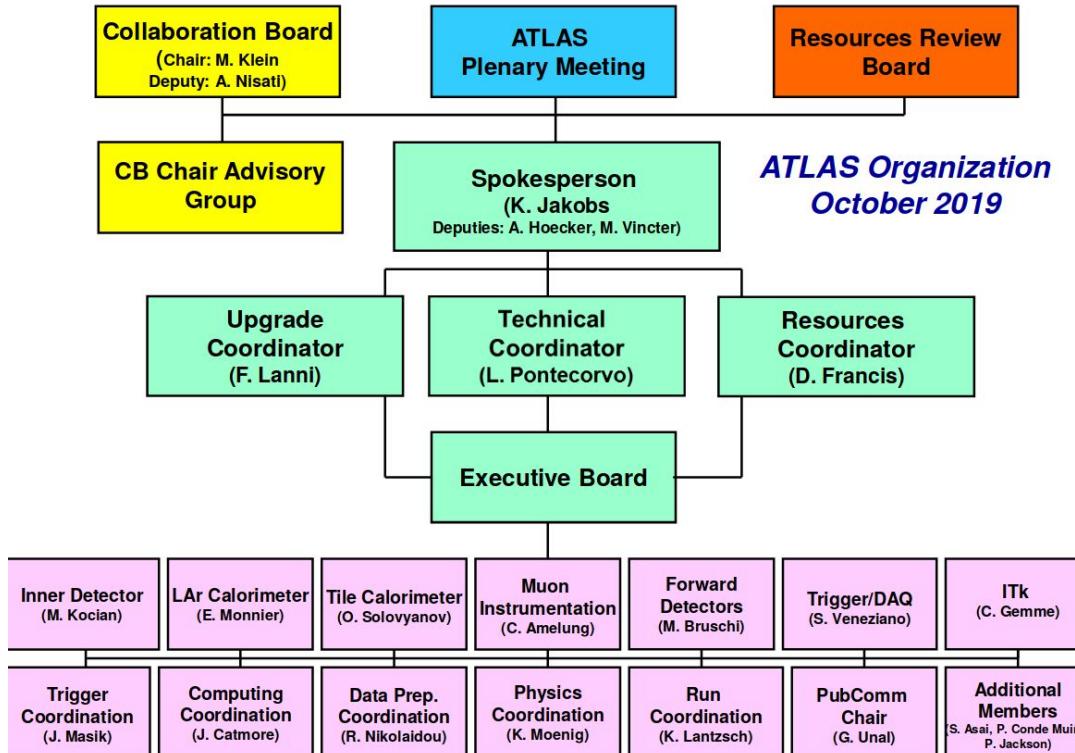


Physics and Performance Weeks

- Occurs several times per year
(<https://indico.cern.ch/category/6945/>)
- Reports from all physics groups on detailed matters
 - This is a good opportunity to present your QT or technical work to the entire Collaboration. You may also give a report on your analysis
- **Physics plenary on Fridays**
 - ATLAS publication strategy, review of past publications,
 - Monte Carlo production and data processing status,
 - Newest recommendations from all performance groups (i.e. which calibration you have to use for the forthcoming publications)



ATLAS management Organisation



Group specific Information

Physics Analysis (PA) Groups

Heavy Ions	A.M. Sickles, D.Derendarz
B Physics & Light States	J. Walder, M. Bona
Standard Model	A. Pilkington, E. Meoni
Top	W. Wagner, F. Spano
Higgs	G. Piacquadio, K. Koeneke
Supersymmetry	F. Meloni, L. Jeanty
Exotics	C. Gwilliam, O. Stelzer-Chilton
Higgs & Diboson Searches	B. Murray, V. Cavaliere
Physics Modelling	S. Amoroso, C. Gutschow
Upgrade Physics	S. Pagan Griso, S. Demers

- Each group and sub-group has its own mailing list for day-to-day work
 - Subscribe through e-groups.cern.ch
- Each sub-group has weekly meetings:
 - **Attend the weekly meetings of your group!**
 - Discuss with your advisors and conveners about presenting your progress there

<https://twiki.cern.ch/twiki/bin/view/AtlasProtected/AtlasPhysics>

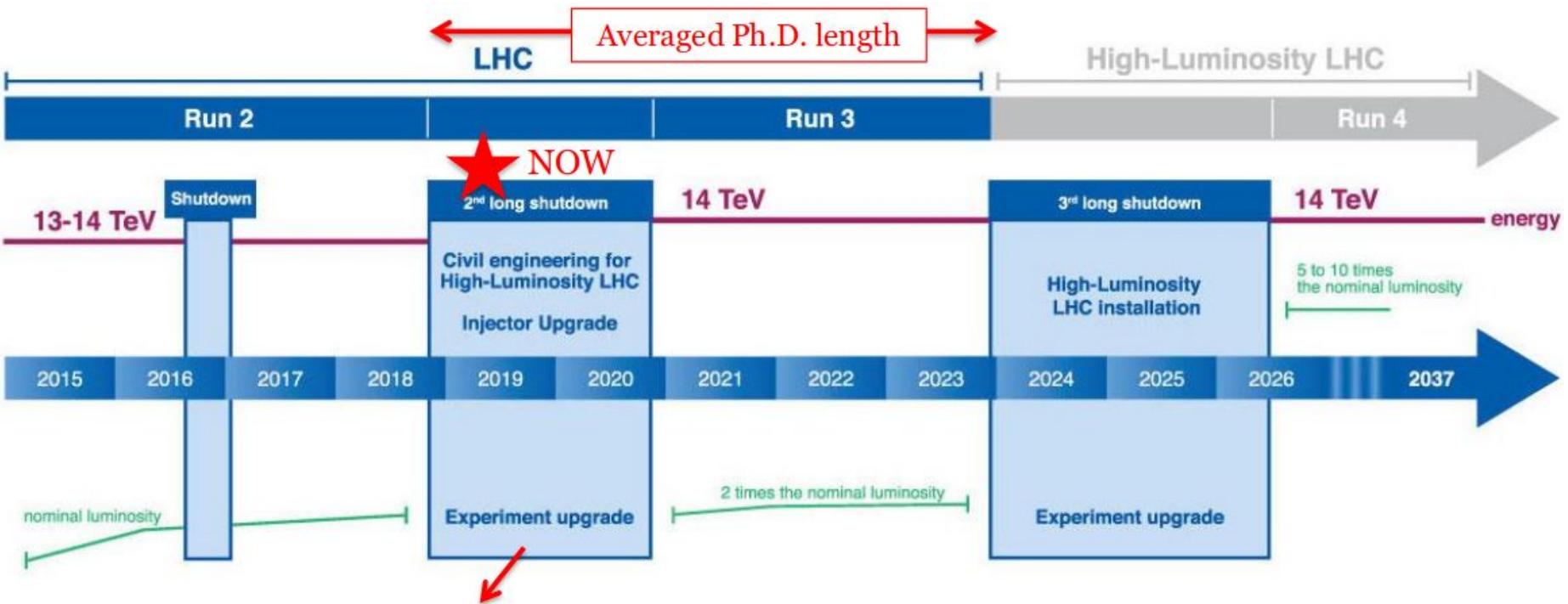
Subgroup	Conveners
Top - Top pair cross-section	Federica Fabbri, Marino Romano, Michele Faucci Giannelli
Top - Top mass	Michele Pinamonti
Top - Top reconstruction	Yichen Li, Marco Vanadia
Top - Single top	Geoffrey Gilles, Lidia Dell'Asta
Top - Top properties	Johannes Erdmann, James Howarth

How to find the Physics Topics for my PhD?

- All measurements are crucial and significant! We know that new physics is out there and it is our responsibility to leave no stone unturned.



How to find the Physics Topics for my PhD?

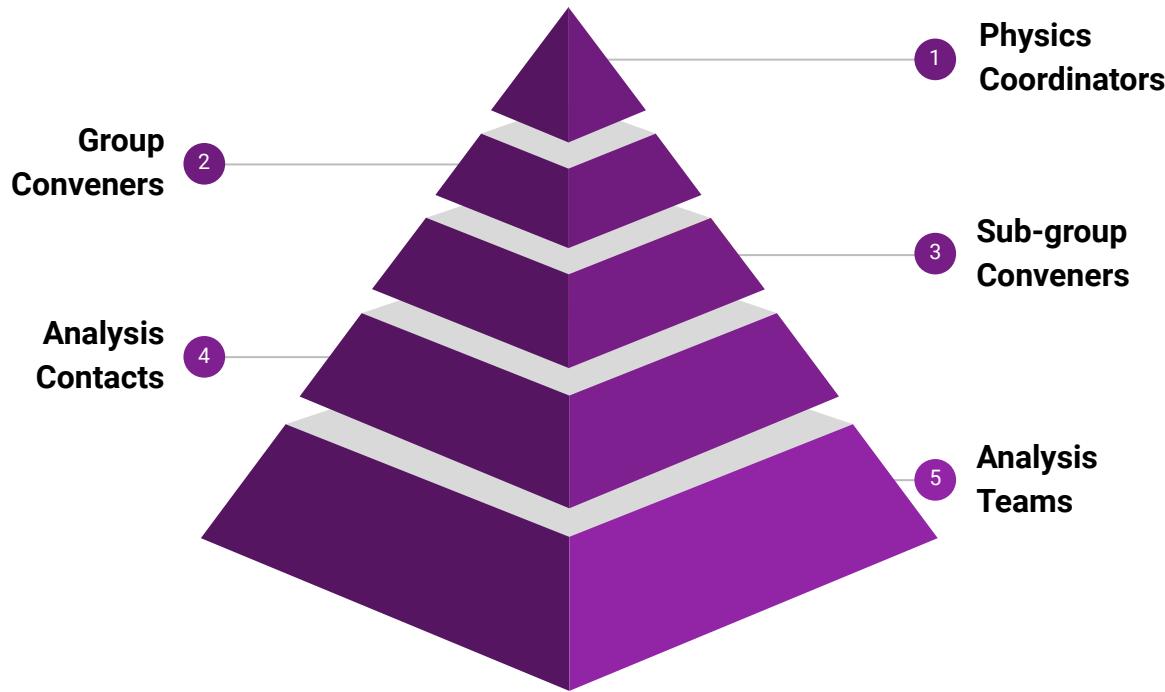


How to find the Physics Topics for my PhD?

- If your home institute is already involved in physics analysis work, it may be good to either join one of the efforts or start doing something similar
 - This way senior PhD students / post-docs / supervisor will be able to efficiently share expertise with you
- **All physics sub-groups have a list of active analyses** and the corresponding contact persons (analysis contacts). Contact the sub-conveners and analysis contact if you wish to join an existing effort to find out the work can be shared
 - Sub-groups will usually also have [a list of uncovered analyses](#) that they think are important to finish
- You may of course start something completely new. Contact the group conveners that best match your vision
- **ATLAS has an incredibly rich physics programme and there are many topics to choose from.** Try to consider pros and cons:
 - Will I get adequate support, how large is the analysis team...

Information Flow

- Because of the sheer size of ATLAS, an evolved system like this is necessary: See [Twiki](#) page for more details.
- The job of sub-conveners is to make sure that analyses in their group are progressing well
 - Sometimes they may be too ambitious
 - If you get unreasonable requests that can not be met in the proposed time, feel free to deny them
 - Discuss with your supervisor to find an appropriate solution



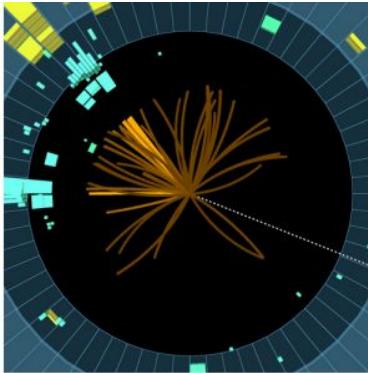
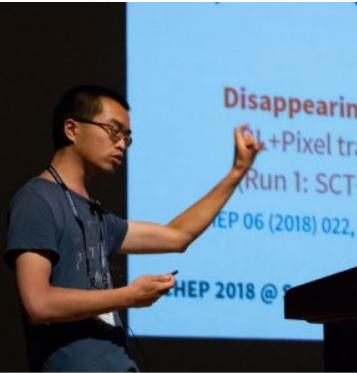
Finding Information

Do not be isolated.

Discuss with your colleagues, follow the meetings, read the mailing lists,...

By being active in the Collaboration you will naturally know what is going on.
It is very beneficial to work on something else than just your analysis.

Talks At international conferences



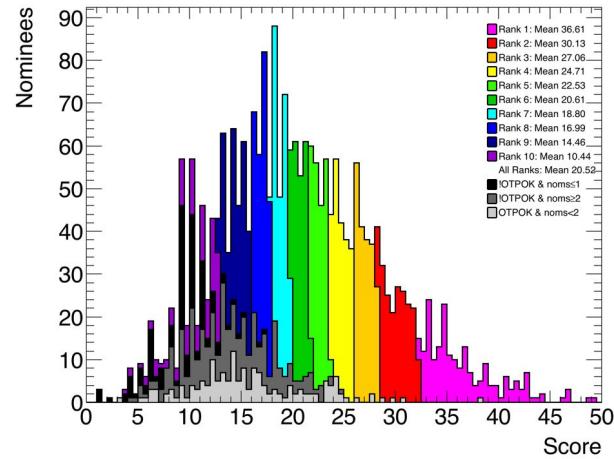
Talks

At international conferences

- Once you are a qualified author, you have contributed to the ATLAS detector operations and you have produced interesting physics results, you would certainly like to present them to a broad physics community
 - It is a great opportunity to personally develop and to take up responsibilities since you will be presenting on behalf of the ATLAS Collaboration
 - Talks at international conferences are one of the only means of achieving recognition outside the Collaboration
 - One of the few opportunities where you can express your personal ideas/thoughts to the broader physics community

How to get an ATLAS talk?

- All ATLAS talks are assigned by the **Speakers Committee Advisory Board (SCAB)**
- Each ATLAS member has its own **private SCAB profile**:
<https://glance.cern.ch/atlas/speakers/scab/profile>
- You need to be at least (see [Twiki](#) for details):
 - Be a qualified ATLAS author,
 - Have at least 0.05 OTP credit per year,
 - Have at least two nominations from Institute Representatives, Activity Coordinators or Project Leaders,
 - Not have given a talk recently.
- The above bullets are combined into a **SCAB rank** from 1 (best) to 10 (worst)
- You get an extra boost in the SCAB ranking if you never had an ATLAS talk before
- Members are on average asked to give a talk once every 2 years



More about the SCAB rank and nominations

- The SCAB rank is updated every month
- You will get nominations with a priority from 1 (best) to 5 (worst) based on the quality and amount of your work
 - **Institute Representatives** can nominate you regardless of your work area. If you do not have a nomination from your IR, remind them
 - The **Physics Coordinator** nominates you for analysis work
 - However, they will collect feedback from your sub-conveners and analysis contacts!
 - You can get further nominations for:
 - CP work (e.g. e/gamma),
 - Detector upgrade,
 - Operational work (e.g. for being run coordinator of a sub-system in ATLAS).

How to be a Good speaker?

- Some are naturally talented to give flawless presentations in front of a big audience, but the rest of us are constantly learning and improving
- **Practice as often as you can:**
 - Present in your institution group meetings, your analysis meetings, your sub-group meetings,...
 - You will also have an official rehearsal in ATLAS before the conference
- Search for similar talk that you are about to give. A list of all ATLAS (past and future) talks is maintained [here](#)
- **Approach the talk very seriously and prepare it well in advance**
 - Usually, you will present several ATLAS analyses in your conference talk (e.g. ~ 5). If you are fortunate, you will also present your own analysis
 - Make sure to know all the details of the analysis you present. Take the time to read their papers or conference notes (and supporting notes if necessary)

Conference Talks

Conference talks are part of your job and one of the best means of recognition of your work by the Collaboration.

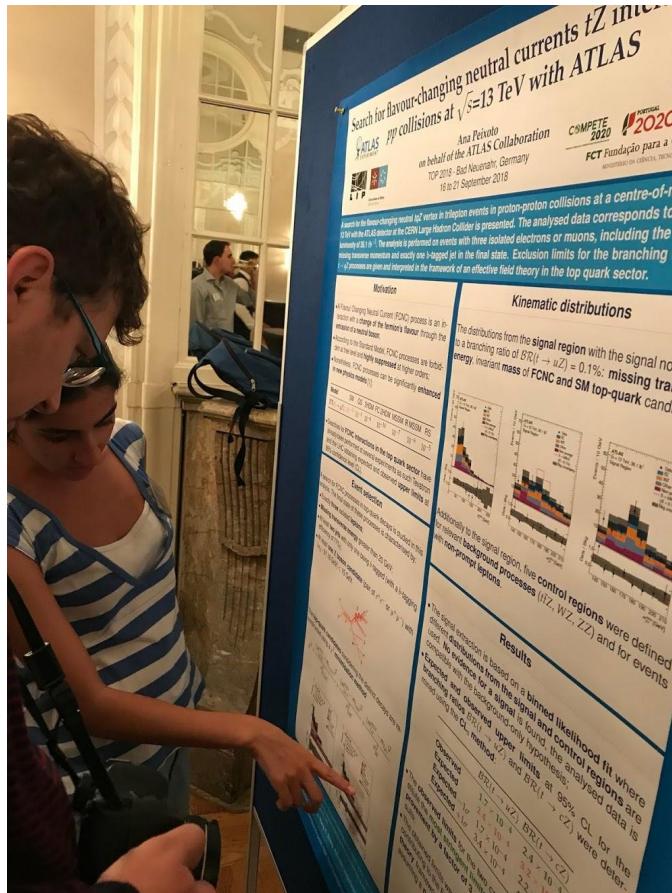
You can not get ATLAS talks just by working on analyses. OTPs are a requirement.

Conference Posters

Do not forget about the posters!

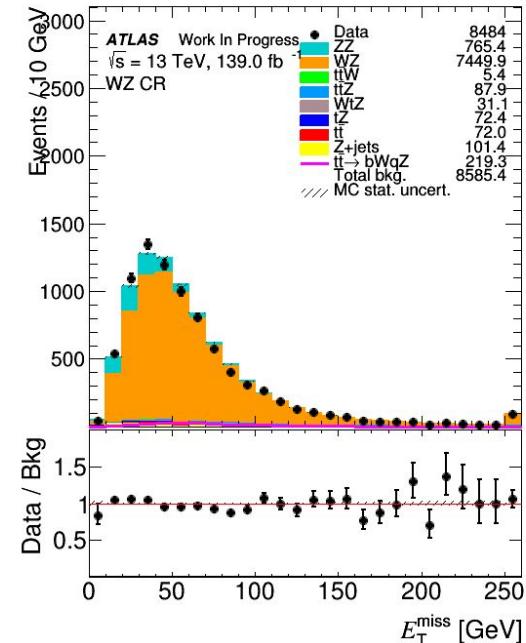
Most conferences will have a poster session. You can submit an abstract and upon discussion with your analysis team, suggest yourself as the presenter.

Posters are a good way to attend a conference where you do not have a talk.



Conference Posters

- “Work in Progress” policy:
 - Important when your results are not published yet
 - https://indico.cern.ch/event/805201/contributions/347092/attachments/1865449/3067241/A68_GuidelinesPhysicsPolicy_2-updateJune2019.pdf
 - <https://indico.cern.ch/event/805201/contributions/347092/attachments/1865449/3068553/StudentJobTalks-ATLASweek-jun2019.pdf>



Dealing with stress And work/life balance

WHAT TO DO WHEN YOU'RE OVERWHELMED WITH WORK



JORGE CHAM © 2013

WWW.PHDCOMICS.COM

Dealing with stress And work/life balance

WHAT TO DO WHEN YOU'RE OVERWHELMED WITH WORK

STEP 1: MAKE A LIST

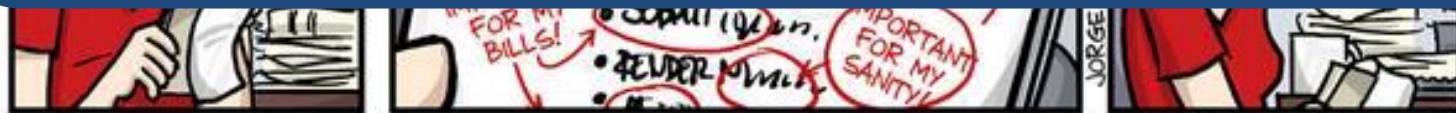
STEP 2: CATEGORIZE THEM

STEP 3: REALIZE YOU

DISCLAIMER: We (ECSB) are not trained psychologists. We collect feedback and statistics from young scientists and can only offer our personal advise on how to deal with stress.

CERN has an on-site professional psychologist:

She is available for all users (<https://medical-service.web.cern.ch/psychologist-cern>)



Dealing with stress And work/life balance

- Work well, feel well group at CERN
- Established to foster a better quality of working life at CERN and, in particular, to identify, remedy and prevent stress in the workplace
- “Sleep: The wake up call” seminar
 - <https://indico.cern.ch/event/852676/>
 - 29th of October from 14:00 to 15:00



Bien dans son travail

Dealing with stress

And work/life balance

- Just by being here (CERN/ATLAS), **you are probably an outstanding individual that succeeded in everything you did so far**
- However, you are now working at the **highest possible level in your area together with the best scientists from ~ 40 countries**
 - It is completely natural if you encounter some hiccups during your work at CERN. It is important to realize when you are wrong and accept the advice of others
- **Some of your peers will work long hours all the time and you may feel pressured to do the same**
 - Remember that working long hours does not necessarily yield good results
 - **Aspire to work more efficiently rather than longer!**
- **A good relationship with your PhD adviser (or any other senior figure) is very important**
 - It is impossible to navigate through this complex and challenging field alone

'I am having troubles With my PhD'

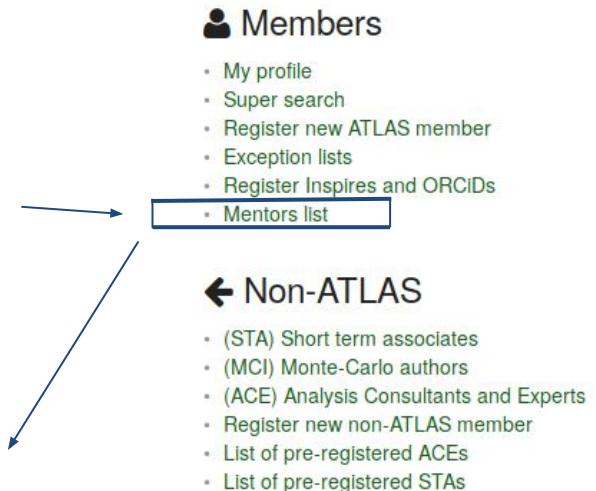
- **There are many paths to a successful PhD and you have to find the one that is best for you!** Be active in finding that path.
- Talk to your friends, other students, post-docs to hear about their experience - **everyone had some kind of challenge to overcome**
- If you find topics other than your PhD topic more interesting or find a group of collaborators that are more your style, **then why not switch?!** Make sure to plan a transition time if you are working on a critical task or an OTP task
- If you have troubles with your team, the conveners, or your adviser seek advice from someone you trust who might also know the person in question. Explain the situation to them and listen to their opinions. If they agree with you, ask them to help you
- **We, the ECSB, are willing to help you find people to talk if you feel stuck with interpersonal matters**

Mentoring Program

- **Proposal by the ECSB in 2017** and approval by CB chairs and ATLAS management
 - The mentoring program aims to create a new flexible framework **enhancing this support by sharing expertise more broadly across different institutes**
 - Student supervision is the **primary responsibility** of their **home institution** and their **direct supervisor**
- Currently implemented in [ATLAS Glance Membership](#)
 - A **list of mentors** is available. Non-students (postdocs/faculty) can sign-up as a mentor for a specific topic
 - Students looking for a mentor should check this list and contact the chosen mentor (one at the time)
 - **Distinct areas of focus:** Combined Performance, Detector & Hardware, Physics Analysis, Software & Computing and Other (one can select multiple areas)
 - **Feedback** from both **mentors** and **mentees** would be really appreciated!

Mentoring Program

- How can I have a mentor? [ATLAS Glance Membership](#)
- Many thanks to the ECSB alumni, CB chairs, management and all people involved in the implementation!



Mentoring Combined performance Detector & Hardware Physics analysis Software & Computing Other Show all

You can also filter your search by selecting one of the subjects above

Mentors						
Column visibility		Export				
	First name	Last name	Institute	Email	Subject	Comments

Working at CERN Is also fun!

- Working with people from all over the world
- Learning new cultures and languages
- Cutting-edge technology:
 - Most advanced computing facilities, state-of-the-art detector technologies,...
- Travelling all over the world. It is completely normal to visit three different continents in a year just for work-related purposes

第五届大型强子对撞机物理国际研讨会

The 5th Annual Conference on Large Hadron Collider Physics (LHCP)

上海交通大学 2017年5月15–20日 Shanghai Jiao Tong University May 15-20, 2017



Working at CERN Is also fun!

- Very exciting and stimulating environment.
- We are privileged to work on what we love!



Summary and Advices

- **PhD study is once in a lifetime experience. Now is your time to explore your research interests!**
- **Do not worry about the overwhelming amount of presented material today**
 - Slides from today should serve you as a reference for when you encounter something that we presented
- **Qualification task, OTPs, SCAB rank and conference presentations (talks or posters) are crucial aspects of your work**
- **Communicate, communicate, communicate! When in doubt, talk to someone. When you have an interesting idea, talk to someone. When you want to join a new project talk to someone. When you feel you have a problem, talk to someone!**
 - Many new students are shy about emailing people they haven't met. **Don't be shy** (or work towards overcoming it)!
- **Give us your feedback from this Induction day!**

A photograph showing two workers in a large, complex industrial setting, likely a particle accelerator detector like the ATLAS experiment at CERN. They are wearing white hard hats and dark protective suits. One worker is on the left, focused on a task, while the other is on the right, looking towards the camera. The background is filled with intricate mechanical and electrical components, including large cylindrical structures and numerous blue and green rectangular modules. A prominent circular metal plate in the center is labeled "ATLAS GYROTRON ENDCAP "A" SHRECK SPA".

Thanks!

Backup

Useful meetings, links,...

- An introduction to ATLAS twiki page:
<https://twiki.cern.ch/twiki/bin/view/Atlas/WelcometoATLAS>
- ATLAS public materials: when you get allocated a talk, you can only include plots that have been made public! They will be found on [this page](#) and the pages it links to
- LHC Page 1: <https://op-webtools.web.cern.ch/Vistar/vistars.php>
- ATLAS Page 1:
https://atlasop.cern.ch/operRef.php?subs=dcs/dcs/process.php?page=ATL_LHC&subd=IS
- Summary of all notes currently in ATLAS circulation:
https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/Planning/list_SignOff.html

Backup

Useful meetings, links,...

- Make sure you are on the following email lists (sign up for lists via [this page](#)):
 - Mailing lists for at least the main groups you are interested in; probably all four main physics groups (atlas-phys-sm@cern.ch, hn-atlas-physics-Higgs@cern.ch, hn-atlas-susy-wg@cern.ch, hn-atlas-exotics-wg@cern.ch) plus any relevant sub-groups
- Optional interesting email lists:
 - atlas-data-preparation@cern.ch : Lets you know when new data has been processed for use
 - [atlas-phys-lastweek-notes](#): Everything posted to the CERN document server last week
- Attending analysis approvals or plenary meetings helps get an idea of the state of ATLAS physics
- Twikis are the most commonly used form of documentation: while the search engine can be better, most analyses and groups have a reasonably recent Twiki page. Start [here](#)!

Backup

Useful meetings, links,...

- [Tons of clubs](#) at CERN with something for every interest!
- [gLocals](#): postings about ongoing events in Switzerland
- Young@CERN ([Facebook group](#)) can be handy for finding housing, lifts,...
- Geneve Interns' Association ([webpage](#), [Facebook group](#)): Weekly drinks are a great way to meet new people
- [meetup.com](#) can be used to find other people interested in events or activities around town
- The CERN LGBTQ group can be contacted via lgbtqcern-contact@cern.ch and their website is [here](#)
- Ask your office mates!
- Try to befriend people outside your institution/nationality. It can be hard but very rewarding, and will make your time at CERN something unique in your life