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**GUILD OF PHYSICS
FUKEI GUIDE 2020**



Guild of Physics Fuksi guide 2020

Publisher: Aalto-university School of Science and Fysikkokilta ry

Editor-in-Chief: Pinja Helasuo, Eero Virmavirta

Photos: Tuukka Mattlar, Aapo Pajala, Henry Pietilä, Paavo Kekkonen, AYY

English layout: Pinja Helasuo, Eero Virmavirta, Tuomas Lebedeff

Thank you to Tuukka and Aapo for photos - you took this guide to a whole new level. Thank you very much for everyone who provided content for this guide! Also big thanks also for our predecessor Emma for your support, BIG coordinator Henri and Master of Foreign relations Tuomas for your help and former Fuksi Captains for inspiration.



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In your hands, you are holding the Guild of Physics' Fuksi guide for 2020. It is aimed for the fuksis but will be useful for exchange students as well. Read the guide thoroughly and with a pinch of humour, as it contains important information about your first days at Aalto and gives you a taste for what awaits you this year. Please don't hesitate to send a message if anything remains unclear after reading this guide.

ALFA & OMEGA

Pay great attention to this part before starting your university life. Within the next pages you will find information about the program and timetable for the first week as well as items which are worth checking out well before the start of the semester.



Greetings from Fuksi Captains

HYPE!!!

Biggest congratulations on becoming accepted to study Quantum Technology -- a great choice! We are thrilled to have you here this fall!

We are Pinja and Eki, and together we will take care of you QTs (<3) with a BIG help from our BIG coordinator Henri. Together, we will make sure that your first year in Aalto university will be memorable and that all goes well with you.

We will kick off this school year at the Head Start and Orientation week events. You will right away get a chance to meet your other fuksi friends, fuksi captains and the BIGs - tutors that will be there for you, as well. Throughout the fall, we have planned events only for you fuksis. It will be awesome, can't wait! Anyway, the first year in university is unique so we highly recommend taking all out of it!

Transitioning into the university world, and possibly to a whole new country with its culture, can be a very exciting time. The studies, physics math and programming, will start in full force right away after orientation week and life can feel hectic at times. However, remember that everyone else is going through those same things with you, so don't take too much pressure on yourself.



It is good, already from the beginning, to learn to do school work together in a group. Not only will it be easier, it will take substantially less time, as well! Maybe the best thing about fuksi year studies is that you get to have a little taste of everything before diving into the deep end.

If you don't know anyone yet, it is not a problem! There is no place more open and welcoming than the Guild of Physics. Together with the BIGs we will make sure that you will not be left alone. We physicists are a diverse group of students, so everyone will find people who share the same interests, for sure.





The Guild of Physics is the home for all physics and math students in Aalto university. Our members study either Engineering Physics and Mathematics or Quantum Technology. As a student association, the guild will try to make studying in Aalto as nice as possible for its members. It will also look after that no one should be bored during their freetime. The guild, also called "fyssa", arranges many low-threshold events from sports to career excursions, sitsit parties or, for example, movie nights at the Guild Room.

As Fuksi Captains, our mission is to guide you fuksis through the year-long journey towards becoming Teekkaris, so that in the spring when the possible Wappu comes, you will get your teekkari cap. But first and foremost, we want that you will enjoy your first year in the university world. We are here for YOU! So if something is on your mind, you can always talk to us, message us or even call -- we will help you as well as we can!

There is a lot of new and exciting coming up. You'll meet lots of new people, maybe even some life-long friends.

But now you still have some time to take it easy, relax, and enjoy the summer :) See you in the Head Start!

Take care! <3

Eki and Pinja
Fuksi Captains
fuksikapteeni@fyysikkokilta.fi
Telegram: @ekipari @phelasuo

If you have anything on your mind, don't hesitate to contact your fuksi captains -- even if your studies haven't yet started!

Checklist

Before the first week

- I enrolled to the University.
- I joined AYY and the Guild of Physics by paying the membership fee to both.
- I read this guide book through carefully.
- I activated my Aalto IT account...
- ...and followed my Aalto email account.
- I applied for housing at AYY or HOAS..
- I applied for study grant and housing supplement.
- I applied for a student card or downloaded the student card application.
- I joined the fuksi group "FK Fuksit 2020" on Facebook.
- I downloaded Telegram and joined...
- ... the fuksis of 2020 chat with the address t.me/FKfuksit20.
- I signed up for the Head Start (see the QR code below).

Telegram is the most popular messaging application in Otaniemi, and similar to Whatsapp. Download it well ahead of time and join the the Guild's fuksi chat with the address t.me/FKfuksit20.

Monday 31.8.

- I arrived to CS Building by 8:30, and I had with me...
- ...ID card or similar.
- ...printed receipt or a screen shot of a paid AYY membership fee.
- ...money for the lunch.
- ...warm clothing for the evening at Kiljava.
- ...an open and cheerful mind.

At some point

- Get a HSL card for public transportation...
- ...and update your student status to it.



Scan and sign up for the Head Start!

Orientation Week

In addition to the daytime program of the orientation week, there are further events every evening of the week. Familiarise yourself with them below!

31.8. Kiljava

The first day culminates with the almost compulsory and sacred Guild of Physics' activity when we embark on a trip to Kiljava directly after the official program where we will spend the rest of the evening. So bring a bold attitude and warm clothes with you!

1.9. Guild event

From 16 onwards. TBA!

2.9. Hangout + more TBA

A casual hangout in fuksi groups. Other program TBA. Stay tuned 8-)

3.9. Otasuunnistus

OtaSuunnistus is a checkpoint style adventure located in Otaniemi. You will have the chance to complete a range of tasks with your fuksi group at the checkpoints which are held by the clubs and associations of Otaniemi.

4.9. SCIVaa

During the day there will be a joint hang out and frolicing event for all the guilds from the School of Science (SCI). This is a fantastic opportunity to see who else is studying in SCI.

IT IS VERY IMPORTANT THAT YOU JOIN THE TELEGRAM GROUP ASAP! We will update the latest information on the orientation week over there. There will be changes due to the COVID-19 situation.

t.me/FKfuksit20

Aalto University Student Union – AYY

Welcome to Aalto University and its student union, which you also recognise from the letters AYY! Here at the Student Union we strive to ensure that you can truly experience the best student life in the world at Aalto. Our wish is that every student feels good and safe in our student community, and that each of us gets all the support they need for the entire duration of their studies.

You are stepping into a world of endless opportunities. We urge you to explore, be curious, innovate, learn, and enjoy your time at Aalto. Don't be afraid, even though finding your own place and passion can sometimes be challenging. We are here to help and support you in all of your challenges.

Let's keep in touch!

Imran Shamsul

Board Member (New Students and International Affairs)



What is AYY?

As a student of Aalto, the Aalto University Student Union (AYY) is your student union. AYY brings together about 14,000 students of arts, design, business, and technology. We work to ensure the well-being of all our members and to develop Aalto's teaching and student life.

As a member of AYY, you are entitled to numerous student union services and student discounts both in the metropolitan area and throughout Finland. As a student of Aalto, you will also have the opportunity to participate in activities and events organised by AYY and the 200 student associations operating within AYY.

AYY in Figures

- 14,000 members
- 200 organisations and associations
- 40 employees
- 10 full-time board members
- hundreds of volunteers

Communication Channels

You can find comprehensive information about all of AYY's services and opportunities at **AYY.FI**.

Facebook: Aalto-yliopiston ylioppilaskunta - AYY
Instagram: AYY_FI
Twitter: AYY_FI

Dear first-year student,

welcome to Aalto University, the Aalto community, and the Guild of Physics. You have a major opportunity ahead to learn information and skills in your studies as well as social skills and other useful skills in life. Be curious, try something new and learn from everything you do. The university provides a wide range of excellent courses and the community introduces you to amazing people and associations. Take this opportunity and get to know yourself, the university and our community, and try out something new and courageous. I am sure that you will not regret this decision. Enjoy the summer and see you in the autumn!

Summer greetings,

Christian Segercrantz

Member of the Board (Community, Volunteers, Communications and Digitalisation), Board Angel of the Guild of Physics



Services

Student Benefits

As a student, you are entitled to hundreds of benefits, including Kela, Matkahuolto and VR discounts, as well as student lunch discount in student restaurants. Student discount in public transport in the metropolitan area is also available to you, as long as you live in the HSL area and have updated your student status in your travel card at the HSL service point. The same travel card also gives you access to certain university facilities!

Frank is a student service offering student cards and student discounts throughout Finland. Frank offers both digital and traditional plastic student cards.

The digital student card Frank App is an official student ID, which you can download and activate once you have registered for attendance at the university and paid the AYY membership fee. You can check the prices of other card options on Frank's website. You can also add an ISIC license to both digital and plastic student cards. More information about the different student cards can be found on Frank's website at **FRANK.FI**.

PLEASE NOTE! Once you have received the (plastic) card, please remember to pick up the academic year tag from AYY's service point!

Student Housing

AYY owns approximately 2,600 student apartments in Helsinki and Espoo. We offer a home for over 3,200 residents. All degree and exchange students who are members of AYY have the right to apply for AYY's housing. You can apply for housing as soon as your admission is confirmed by the university. First-year students and students moving from outside the Helsinki metropolitan area are given priority when allocating housing. You receive an extra applicant score when you apply for AYY's shared apartment queues as a first-year student. To receive the score, you must apply for housing no later than July or December, depending on when you start your studies. You can browse and search for AYY's apartments through the Domo system: **DOMO.AYY.FI**. As a student, you can also apply for housing from the Foundation for Student Housing in the Helsinki Region (HOAS).

Health Care

The health of university students is taken care of by the Finnish Student Health Service (FSHS).

As a member of AYY, you are entitled to general health, oral health, and mental health services of the FSHS. Most of the FSHS services are free of charge, including contacts and general health appointments, and paid services are also affordable.

When you register for attendance for the autumn term, the health care fee is paid as part of the student union membership fee. However, the responsibility for organising student health care for university students and collecting the health care fee will be transferred to Kela on 1 Jan 2021. Therefore, in the spring of 2021, the Student Union will no longer charge the FSHS fee in connection with the membership fee. The FSHS will continue to provide student health care services and they will be available to those who have paid the health care fee.

As of 1 Jan 2021, international exchange students, doctoral students, students in continuing education or tailor-made education will not be covered by the FSHS student health care. Further information: [YTHS.FI](https://yths.fi).

Associations and Student Culture

Association activities and events are an essential part of Aalto's student culture. Highlights of the year include Wappu events, an-

niversaries, Shrove Tuesday celebrations and many other events starting right from the orientation week. AYY has more than 200 associations that organise activities ranging from sports to music and games to other hobbies. New students are more than welcome to join the associations. You should keep an open mind for different opportunities and get to know the associations in the upcoming events!

Advocacy and Interest Representation

AYY represents students in the university's decision-making bodies and promotes the interests of students in society. Through the student representatives elected by AYY, students have the opportunity to influence the decisions made at the university. AYY's highest decision-making body is the Representative Council, which is elected by vote. In the elections, all AYY members can vote and run as candidates.

Other Services

In addition to all this, AYY offers its members various services and opportunities ranging from a design calendar and scholarships to a wide range of volunteer positions. AYY also has numerous saunas, event venues and recreational facilities that members can rent. Some facilities are free of charge.

Student Services' greetings

Studies

This section on studies, intended for students starting in 2020, will introduce you to the most important information systems, schedules and support services related to starting your studies and studying at Aalto University in general.

What is my bachelor's programme?

The Chemical Engineering, Computational Engineering, Data Science, Digital Systems and Design and Quantum Technology majors are all part of Aalto University's English-medium Bachelor's Programme in Science and Technology, jointly organised by all four Aalto schools of technology. The Chemical Engineering major is run by the School of Chemical Engineering, Computational Engineering by the School of Engineering, Data Science major by the School of Science, Digital Systems and Design by the School of Electrical Engineering and finally, the Quantum Technology major is run jointly by the schools of Science and Electrical Engineering.

The contents of your studies depends on the major that gained admission to. Students in all majors are required to complete a 65-credit core curriculum, referred to as basic studies, which focusses on mathematical and computational methods. The degree programme also includes 65 credits of studies towards the major, 20–25 credits of studies towards the minor and 25–30 credits for electives. Once you have completed all these elements, you will be awarded a Bachelor of Science (Technology) degree worth 180 credits.

Orientation week

Your studies will begin with an orientation week, running from Monday 31 August to Friday 4 September 2020. Orientation week will give you additional information about your programme and about Aalto University as an academic environment and student life on campus. Orientation week gives you a chance to get to know your new fellow students and the staff of the programme. During the week, you will be assigned to a tutoring group to help you get off to a good start with your studies.



The orientation week schedule will be published during the summer at: <https://into.aalto.fi/display/enbsctech/Starting+your+studies>. This year the orientation week will, for the most part, be organised online.

Timetables of the academic year

The first courses will start on Monday, 7 September 2020. Teaching in the academic year 2020-2021 is divided into five seven-week periods. The final week of each period is an evaluation week reserved for the finalisation of coursework, presentation of course results and evaluation of student performance with various methods. Classes may also be held during the final week. In addition to the evaluation weeks, additional evaluation periods will be organised outside the teaching periods. The teaching periods and evaluation periods can be found online in into.

Timetable

As a first-year student, or fuksi, you will be provided with a model timetable (or recommended study schedule) covering the courses that you are recommended to take in the first academic year. You can find the timetable on the programme website before the start of the academic year, and it will also be handed out to you on one of your first days on the Otaniemi campus. If you follow the model timetable, you will earn the recommended amount of 60 credits in your first year. The first-year curriculum includes basic courses in programming, mathematics, industrial engineering and management, as well as a compulsory Introduction to Studies course and language courses. You should be prepared to work hard and invest time in your studies, because studying at the university level is different from studying at upper secondary school and requires more independent work.

Course registration policy

You need to register for each course you want to take. This is usually done online using the student register WebOodi; any courses that require different registration procedures will mention this on their course homepage found on the MyCourses portal.

Once you have registered for a course, you are also registered for any interim tests and for the final examination. Any different procedures are usually specified at the start of the course in class and on the MyCourses portal. If you are unable to attend an examination that you have registered for, please be sure to cancel your registration on WebOodi.

Each course is worth a specific number of credits, which will be entered into your student register when you have passed the course. By definition, 1 credit is equivalent to 26.7 hours of student work.

Completing courses

Course teaching methods vary and may include lectures, math assignments and group exercises or projects. Generally speaking, the first lecture will cover all the practical matters needed to pass the course (registration, examination, assignment, study material, course completion), so you have good reason to be there! Though lecture attendance is usually not compulsory, it is definitely beneficial

from a learning standpoint. Many courses have assignments, and in some cases they are compulsory. In other courses, you can do assigned work for extra credit to supplement the total points received on interim tests and the final examination. Whatever the case, maths exercises are always important, because they give you the opportunity to apply what you have learned in practice. In-class exercises in mathematics, called laskarit, include reviews of the subjects covered in the lectures. The exercises are often given out online in advance. In some courses, the maths exercises can also be completed as online assignments.

Into

Into is the Aalto student portal for information on studies, university services and other matters relating to your future alma mater. The site is also a central hub for relaying Aalto news and current events information on to students. To get into Into, go to <https://into.aalto.fi/display/en/>.

Support and advice for studies

Studying at university requires more independent work than in high school or upper secondary school. As an adult, you are expected to learn how to find the information you need on your own. Fortunately, there are many sources of help available.



Mila Laitinen
Study Coordinator
Aalto Bachelor's Programme in Science and Technology

An academic advisor is assigned to every first-year student for the duration of their bachelor's studies, that is, the first three years. Advisors arrange both group and individual meetings with their students. Academic advisors belong to the university's research and teaching faculty, usually as professors, associate professors or university lecturers. Academic advising is a form of guidance aimed at developing the student's own initiative and goal-setting, and at giving students the chance to get to know at least one academic staff member a bit better. During first-year studies, academic advising is a part of the Introduction Course for Bachelor's Students.

You can always turn to student services if you are unsure about where to start or whom to ask about something. The coordinator and planning officer of the programme, as well as other student services staff will be happy to help. Student services can assist you with matters involving:

- questions related to studies
- approval of your personal study plan (HOPS)
- graduating with a Bachelor or Master of Science (Technology) degree
- getting transcripts of records or certificates of student status
- registration for the academic year
- tuition-fee payments
- student exchange
- transfer of credits

In fact, student services can assist you with almost anything related to your studies, and if not, they can probably direct you to someone who can.

Student services for all majors of the Aalto Bachelor's Programme in Science and Technology are located in the Computer Science building, floor 1, corridor B. They can also be reached at bsc.tech@aalto.fi.



Elsa Kivi-Koskinen
Planning Officer
Student Services, Aalto University SCI

Links:

- **Contact information:** <https://into.aalto.fi/display/enbsctech/Contact>
- **Aalto Bachelor's Programme in Science and Technology:** <https://into.aalto.fi/display/enbsctech>
- **Curriculum:** <https://into.aalto.fi/display/enbsctech/Curriculum+2020-2022>
- **Into:** <https://into.aalto.fi/>
- **MyCourses:** <https://mycourses.aalto.fi/>
- **WebOodi:** <https://oodi.aalto.fi/a/>
- **Examination archives:** <http://www.tenttiarkisto.fi/>

Fuksi Major's Greetings

Greetings dear student of technology, fuksi,

Congratulations on your admission to Aalto University! You have completed your entrance exam with distinction and it is time to turn your thoughts to the start of your fuksi year this coming autumn. I want to wish you a warm welcome to our wonderful Teekkari (Technology Student) community.

My name is Rudolf Nikander, and I am your Fuksi Major. My task, together with the Fuksi Captains and your tutors (ISOs), is to make your first year at Aalto University unique and unforgettable. I am a member of the Aalto University Student Union and I manage the Fuksi Committee (commonly known as FTMK), which consists of all of the Fuksi Captains from the associations that accept new science and engineering students.

Soon you will start a new chapter in your life. Studying at university is much different from high school. Academic freedom gives you the right to decide on your studies and brings plenty of opportunities. However, it also requires you to take responsibility of your own education. You can decide yourself at what pace you want to study, but at the end of the day, you are responsible for their progress. It is therefore worth giving thought to your time management and motivation from the very beginning. In addition to science and technology students (Teekkaris), there are also arts and business students studying in Otaniemi. The united and multidisciplinary university, as well as the Aalto community will provide you with a rich and abundant selection of student and recreational activities to complement your studies. Everyone is sure to find some activity that interests them with a like-minded group!

The Teekkari culture has a long history and Teekkaris have had a presence throughout Finland over many years, especially in Otaniemi and Helsinki. Teekkaris have been based in Otaniemi since 1966. Outside of Otaniemi, Teekkaris are known amongst other things for their pranks (jäynä), tempaus and songs. The tasseled community aims to evoke cheer and joy not only in itself, but also for those around it. The most prized distinction of a Teekkari is their tasseled cap (Teekkarilakki) which goes back



to the year 1893. Teekkaris are known for cherishing their traditions but not without flexibility. In the end, Teekkari culture is made up of all the crazy and fun things that Teekkaris happen to come up with. The Teekkari community into which you are warmly welcome is in many ways unique. The Teekkari culture promotes a sense of community and tolerance - Teekkaris accept everyone exactly as they are and don't leave anyone behind. The enthusiasm, culture and will to get things done which characterise the Teekkaris, is reflected in their wide range of projects, in which doing things together, having fun and being open-minded play a big role. I strongly encourage you, dear fuksi, to mould the Teekkari activities



FTMK (fuksitoimikunta or Fuksi Committee) is a committee which gathers together all fuksi captains in Otaniemi. FTMK is led by fuksi major Rudi

in your own image. Otaniemi is a great place to try all kinds of new and wonderful things!

Fuksi development and upbringing has a long tradition in Otaniemi. My, and above all, your Fuksi Captain's task, is to help you begin your student life and guide you through the entire first year. During your fuksi year, you will be collecting fuksi points from various events and activities, these will earn you your very own Teekkari cap (Lakki). The fuksi points will introduce you to the Teekkari culture, our long-standing traditions as well as other students in Otaniemi, not to mention all the fun memories! The fuksi year will culminate in the largest and most revered event for us Teekkaris: Wappu, provided that I decide to organize one for you.

My most important advice for you, future Teekkari, is to encourage you to throw yourselves into the activities with all your heart. Get to know your Fuksi Captains, tutors, your coursemates and the other residents of Otaniemi. Beside studying, trying and experiencing new things together and building friendships are some of the best opportunities

our university can provide you during your time as a student. Your guild, the Fuksi Committee and countless other people and organisations create the framework for the activities, but you decide yourself how you want to shape your time as a student. A once-in-a-lifetime year awaits you and I recommend that you make the most of it! I am in the privileged position of accompanying you and your fuksi comrades on your journey to becoming Teekkaris. You are welcome to come and chat with me whenever you wish, I hope to get to know you too.

Wishing you an unforgettable fuksi year!

Rudolf Nikander
Fuksi Major '20

Phuxvatorns hälsning

Hello!

First of all I want to congratulate you on your admission to Aalto University. You have done a wonderful job! My name is Sara Salminen and I am the Fuksi Captain of Teknologföreningen, also known as Phuxivator. My main task is to take care of the fuksis of Teknologföreningen.

Teknologföreningen, TF, is the Swedish speaking student nation of Aalto University. To become a member of TF you only need to have an interest for the Swedish language, TF is for everyone despite mothertongue or study program. I wish you take the chance during the first few days of Orientation Week to follow your tutors to TF's house Urds-gjallar. Feel free to contact me if you want to know more about Teknologföreningen and what we do, or come visit me at Urds!

You have a fantastic year waiting for you, the fuksi year is one of the most memorable ones of your time at Aalto. Remember to rest and enjoy summer. Many things are happening right at the start, and I recommend you participate in everything. That way you will be introduced to the other fuksis and older students. You will also have to collect fuksi points to be able to receive the Teekkari (technology student) cap if Wappu, provided that the Major decides to organise it.

I am sure Eki and Pinja will take great care of you, but remember that I am always here for you as well. Make sure to read this guide thoroughly as it contains valuable information.

See you in autumn!

Sara Salminen
Phuxivator '20



IB CAPTAINS

There are five International Bachelor (IB) Programs in Aalto University receiving fuksis: Chemical Engineering, Computational Engineering, Data Science, Digital Systems and Design and Quantum Technology.

In the picture, you can see all the International Bachelor Captains. Valtteri and Laura (CHEM), Pinja and Eki (QT), Fanni and Sampo (CE), Verneri (DSD) and Alena (DS).

SCI, SCI, SCI !

The School of Science (SCI) consists of four guilds. Guild of Physics, Prodeko, Computer Science Guild and Athene.

SCI's fuksi captains Severi, Jaakko, Eki, Heta and Pinja are shown in the picture.



DOMINANTE

LAULAMALLA MAAILMALLE

Avoimet harjoitukset ma 7.9. klo 18.00

Pääsykoepäivät ti 8.9. & ke 9.9.

Varaa koelauluaikasi

Dominanten kaikkien fuksien äideiltä

Helmi Uusitalo
040 560 8305

helmi.uusitalo@aalto.fi

Aada Toivettula
040 017 1872

aada.toivettula@aalto.fi



www.dominante.fi
#dominantchoir



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POLYTEKNIKKOJEN KUORO

AUDITION

(for finnish speakers only)

15.9. at 16

TUAS-building (Maarintie 8)

REGISTRATION

[https://tinyurl.com/
Koelaulut2020S](https://tinyurl.com/Koelaulut2020S)

MORE INFO

[http://www.polyteknikkojenkuoro.fi/
kuoron-esittely/koelaulut/](http://www.polyteknikkojenkuoro.fi/kuoron-esittely/koelaulut/)





AUTUMN IN A NUTSHELL

Next we'll go through everything involved in the fuksi year. In the following pages you can read about autumn courses and events.

Five tips from the Master of Studies



Hiya!

What a wonderful thing that you're holding the Fuksi Guide 2020 of the Guild of Physics in your hands – you've clearly made some excellent choices. A big congrats and welcome to study!

University studies aren't easy anywhere and not here either. No need to get scared, of course, but it's good to start your studies with the right mindset. In what follows, I'd like to share (and also will share) my top five tips for succeeding in your studies. The tips are in no particular order and everyone will find different things useful. The most important thing is that you find yourself a good and functioning way to study.

1. Look beyond the timetable. We don't actually talk that often about timetables at university level. We have lectures and exercise sessions but these don't convey the whole truth. The most important and often also time-consuming part is all the studying you will do outside of the scheduled events. So, don't take too many courses at once thinking that you will only use as much time studying as your MyCourses calendar shows. Your schedule can look a lot easier that it actually is since the courses are more difficult, profound and fast-paced than what you've probably encountered before.

2. You don't have to study alone. All the studying you will do outside of lectures and such does not have to be done alone. Friends have helped me with challenging exercises countless times, and it's also a great feeling to be able to help someone else. Physicists coming together to study is greater than the sum of its physicist parts.

3. Don't leave studies for the last hour. Whether it be exercises, a lab report or cramming for an exam, it's never a good idea to do it only when you absolutely have to. I learned this myself last fall when I had all kinds of fun stuff to do from being a part of Fyysikkospeksi and singing in a choir. My study motivation suffered from poor scheduling, and the stress that came with that hindered my ability to enjoy myself when I should have. With good planning you can succeed in your studies while also fully enjoying all the opportunities that student life presents you with.

4. Speaking of opportunities, take them! Everyone needs something else to do than just studying, and Otaniemi is the perfect place to look for that something else. You don't have to (and can't even physically have the time to) try everything but I encourage you to participate in things that seem interesting. Your own guild is an easy and safe place to start!

5. Remember to take it easy. I mentioned in the beginning that these tips are in no particular order, but I guess I still put the most important one last. We physicists and mathematicians are usually ambitious especially when it comes to our studies. I of course encourage you to take your studies seriously but you don't have to nail everything. It's okay to take less courses than your friends, skip a few exercises or even change your major if the previous one didn't feel right. Your own wellbeing is the most important.

Everything you've read thus far is based on my own experiences. There is no "correct way" to study, and as mentioned earlier, the most important thing is to find a study method that fits you. With these tips, I nevertheless wish you luck with your studies and a fantastic fuksi year!

Martti Ranta
Master of Studies
opintovastaava@fyysikkokilta.fi
Telegram @opintovastaava

P.S. If along the way any study-related questions arise, don't hesitate to ask me, your study tutors or Aalto Learning Services, for example. We're all here for you.

Courses in the fuksi fall

In this page you'll find courses from the model time table for the fuksi autumn. The autumn is divided into two periods. After the course name there is the period I or II in which the course is held.

Introduction to Quantum Technologies [I-II]

This is the very first course that is directly related to your major. You will learn the basic concepts about quantum physics as well as its technological applications. You will also be strengthened your understanding of classical models of motion, fields and forces, and wave motion.

Differential and Integral Calculus 1 [I]

The fuksi year mathematics studies are largely based around building your mathematical toolkit. The first part of the Calculus trilogy promises sequences, series, derivation, integration and differential equations which will already be put to use in the next maths and physics courses

Programming 1 [I-II]

Programming belongs to every scientist's general education. The course lasts the entire duration of the autumn in which time you will not only deepen your understanding of programming basics, but also engage in creative problem solving. The course is traditionally hard work but rewarding.

Compulsory language course

One language course is a mandatory part of university studies in Finland. It is best to complete it during the fuksi year as then it won't delay your graduation.

Matrix Algebra [II]

In addition to the fact that matrix algebra is an important tool for every scientist, it is also often a new discipline for the average physics fuksi. This is reason enough to demonstrate the importance of the course. There is an abundance of new information to internalise, but it is worth the hassle as you will frequently encounter matrices regardless of your choice of major

Industrial engineering and management [I-II]

This course will give you knowledge about companies and their management. You'll found a company and determine how to make it as profitable as possible. First you'll come up with a business idea and determine all the equipment and staff needed and their costs. In addition to learning practical skills you'll also learn the meaning of mystical words such as "gross margin" or "EBITDA"



Autumn's fuksi events

- 21.8. Head Start
- 31.8. Kiljava
- 1.9. Aalto Party and Aalto Afterparty
- 2.9. Hottis games and Relaxation sauna
- 3.9. Otasuunnistus
- 4.9. Kaukkarit
- 8.9. Stadiuunnistus
- 26.9. Teekkari culture sitsit
- 27.9. Fissio
- 2.11. Fuksi Celebration sitsit
- 11.11. Guild of Physics pre-Christmas party
- 18.11. SCI-sitsit for fuksis
- 25.-27.11. Fuksicruise

These dates and the ultimate schedule might still change due to COVID-19. You'll get the latest info from your captains!

Fuksis in Otaniemi have a very special status; there are tons of events that are organized specially for you! I recommend you to save these dates - you're about to experience a fantastic year!



Director's greetings

Congratulations on your admission and welcome to Aalto University!

We are excited to have you in our Bachelor's Programme in Science and Technology, designed to respond to the growing digital transformation of our society and to groundbreaking advances in engineering, automation, chemical engineering, quantum technology, information sciences, computation, and artificial intelligence.

Our program is fully taught in English, acknowledging the truly international environment of Aalto, bringing our international faculty closer to students, and opening Aalto's doors to talented and motivated students from all over the world.

We are a leading research institute, hosting several top-notch research groups and world-class research infrastructure. Our excellence in research provides also a stimulating education environment where top faculty teaches what they are passionate about, inspiring students and opening new horizons.

Starting a University degree poses new challenges: you need to be more independent, responsible, and self-driven. Your new path can also be a highly satisfying experience: in addition to deepening your knowledge in basic studies, you will obtain the opportunity to think about real-world problems that impact our society, and come up with your own ideas, solutions, or projects.

We encourage you to stay focused in your studies and to build a solid foundation of mathematics, science, and technology, which can support you in your future academic endeavors for the rest of your professional career. On the other hand, keep in mind that technology is progressing at an extremely rapid pace and many of the technical skills that you will acquire today may not be relevant in five or ten years from now. To prepare for the unknown future challenges we guide you to approach your studies with a problem-solving attitude. Foster your curiosity, intellectually challenge your teachers and your peers, and seek for creativeness. Do not hesitate to pursue your own ideas, start



projects with your classmates, and go out of your comfort zone. The time at Aalto is the time you become a game changer at heart.

Most importantly, have fun! Great things happen when you enjoy what you do and feel good about your choices. As the happiest country in the world, Finland holds great potential in offering you also this momentum.

Yours,

Mikko Möttönen
Programme Director



Welcome to TEK Community

Congratulations - you have made a great choice by choosing Aalto University as a place to study! You have awesome years ahead. Take full advantage of your time the university and enjoy especially the "Teekkari community"!

Academic Engineers and Architects in Finland - TEK, founded 120 years ago, is your professional organisation. There are about 72 000 of us.

As a student member you get nearly all membership benefits for free, such as **internship hunting advice, trainings, networking events, salary counselling, employment counselling** and multiple **benefits and discounts**.

Read more and join us:

www.tek.fi/en/students

Best Regards,



Eero Järvinen
Student Liaison
eero.jarvinen@tek.fi
+358 45 111 4650



Ps. Student membership is free of charge!



GUILD OF PHYSICS

Our guild's history goes back over 70 years. In the following pages, you will get to know what the guild does, its board members and the guild room. Additionally, you can read the career stories of three of our students.



President's greetings

Greetings, dear incoming Engineering Physics and Mathematics or Quantum technologies fuksi, and congratulations on your great choice that has brought you to study technology and especially brought you to Guild of Physics.

My name Patrik Lahti and I am the president of Guild of Physics this year. Even though you may associate guilds to medieval tournaments, guilds are in fact student associations for technology students. Guild of Physics is a student association for both Engineering Physics and Mathematics and Quantum technologies. The guild has roots going back to the year 1947. The guild has nowadays about 500 members, who are mainly Engineering Physics and Mathematics students. I wish to welcome you to the Guild of Physics! The Guild of Physics is a great community that will offer you this and that throughout your studies. I hope that you will join the activities already on the first day.

Guild of Physics is an agent that is responsible for practically all past time activities for students of physics and mathematics. Yet, advocacy is also one of the most important parts of the guild's duties. The guild offers all kinds of services to its members. Examples of these could be coffee at the guild room or announcements of different job and internship opportunities. Moreover, the guild offers many kinds of past time activities reaching from sports, culture, and corporate relation events all the way to the most famous ones, namely the sitsi-parties and sauna events - with or without alcohol. The offering of events is broad and there have typically been about 100 events each year. I am sure that the guild has something interesting to offer for everyone. The most important thing guild offers is the community filled with congenial, intelligent, and productive people. This community has proven to be a huge asset for many people in the past. The guild also offers an opportunity to volunteer. Volunteering gives you a chance to have a crack at new things, take responsibility, and most importantly to have fun and do things you would never otherwise even consider.

Guild of Physics is also a part of Aalto community, it is also an association under Aalto university student union (AUS). Also, the AUS arranges lots of events and offers services and advocacy, so you should also keep your eyes open for those. The guild is



also a part of teekkari culture that is an essential part of fuksi education, that in our guild is led by fuksi captains Pinja and Eki. There is a lot to see in teekkari culture and it offers lots of great experiences.

The main reason why you are reading this are the starting studies though. Even though you may already have heard it many times, studies in university differ a lot from what it has been earlier for you. Great freedom comes with great responsibility for your own studies. Despite this, you are not alone with the studies, but there will always be help available, just ask. The guild members and other fellow students tend to help each other in case of any problems. So, don't struggle with problems alone, ask for help. There is always someone in the same position. There will be people who can help. At least they can lead you to trails of solution.

People tend to say that they have had the time of their lives during university studies. Your years in Otanieniemi will surely offer you opportunities for all kinds of great adventures. Yet, I want to remind you to take care of your wellbeing, both physically and mentally. There is nothing more valuable. Remember to relax during the summer and see you in September. Once again, congratulations and welcome to the guild!

Patrik Lahti
President
@Lahtipa
puheenjohtaja@fyysikkokilta.fi

Board of the Guild

Next you are going to get to know the board of the Guild of Physics, which is made up of a total of 12 people. The board takes care of the guild's affairs under the leadership of the President, whose greetings you may have read on the previous page. Each board member has their own area of responsibility and, depending on the position, a number of guild officials to manage. The board generally meets once a week, organises events together and represents the guild. If you are interested in more detailed descriptions of the positions, it is worth checking out the guild's website or approaching one of the board members directly!



**President
Patrik Lahti**

The President is responsible for keeping the show on the road. Above all, the President is a mainstay for all the board members. The President coordinates board members and makes sure that everything gets done in time. Besides overseeing everyday actions, the President is responsible for example arranging the meetings, taking care of administrative tasks and keeping in touch with the Dean, the school and other stakeholders and relevant parties.



**Vice President
Jonna Mikkonen**

The Vice President manages the guild's administrative tasks together with the President. The most visible task of the Vice President is to write the minutes of board and guild meetings. In addition, the Vice President is responsible of organizing recreational events for guild officials, and makes sure that they get enough guidance for their tasks.



**Treasurer
Annamaria Ráduly-Baka**

The Treasurer is responsible of the Guild's money and its traffic. The Treasurer sends invoices to guild members participating in activities, companies and respectively pays the bills. The Treasurer forms the annual budget in the beginning of the year, maintains bookkeeping and at the end of the year forms the financial statement.



**Communications Officer
Niko Savola**

The Communications Officer sends the weekly newsletter and is responsible for maintaining and developing the Guild's digital services. In addition, they lead the great Infojaos, the Information division. This division includes diverse roles such as ADs, photographers, reporters of the Guild magazine, and developers under the Tech Support team.



**Master of Leisure
Mimi Mokka**

The Master of Leisure is in charge of the guild's well-being activities, for example sauna, game and movie nights. These events are organized with the help of Hottis, committee of leisure. Hottis includes apprentices of leisure, sports coordinators and culture coordinators. In addition, the Master of Leisure is in charge of the guild room along with guild room coordinators.



**Master of Corporate Relations
Sara Tuomaala**

The Master of Corporate relations is in charge of the Guild's the company relationships. In practice, this means organizing excursions and acquiring sponsors. The Master of Corporate relations also organizes career events and sends career information to the members of the Guild. All this is organised with the help of Corporate relations committee.



**Host & Hostess
Erkko Ihalainen and Sini Virtanen**

The host and hostess, more commonly known as IE, are primarily responsible for organizing events for the Guild of Physics. IE's job is not just cooking, but also scheduling, budgeting, decorating, communicating in many different directions, managing the guild warehouse. IE also leads the event division, sisis, that helps them in many aspects of their work.



**Master of Studies
Martti Ranta**

The Master of Studies represents the interests of the guild members in university-level administrative bodies as well as coordinates study tutors and the study division. The study division consists of the Study Adjutant (who supports the Master of Studies in various tasks), the previous Master of Studies and an abi committee that markets our study programmes to high schoolers.



**Fuksi Captains
Pinja Helasuo and Eero Virnavirta**

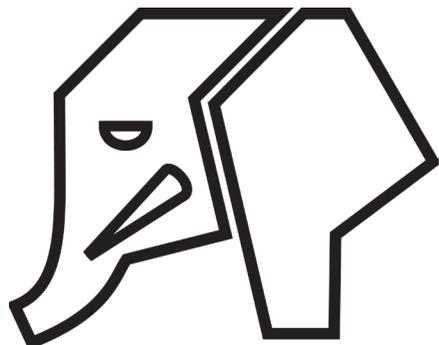
The Fuksi Captains, are responsible for everything fuksi-related in the guild. The Fuksi Captains organize events for fuksis and makes sure that they feel welcome. Their job is to introduce the fuksis to the Teekkari culture, the Aalto community and the guild. The Fuksi Captains are helped by the BIGs and the Fuksi Committee.



**International Captain
Tuomas Lebedeff**

The International Captain takes care of the exchange and master students, and organizes international events for the Guild. Together with the international BIGs, he or she makes sure that international students feel welcome in guild events, and helps them in practical matters. International Captain leads the Outer division, which manages Guild's relationships with associations outside of Otaniemi.

KVANTTI



Kvantti is the guild magazine of the Guild of Physics. Since 1976 it has provided its readers entertainment and food for thought with articles ranging from satire to politics and guild news. Four editions are issued each year. The editors are guild members with a passion for high-quality student journalism, and their work has earned Kvantti the AYY Seal of Approval in the spring of 2018. At kvantti.ayy.fi you can find an archive containing issues throughout the magazine's journey. Even though Kvantti mainly operates in Finnish, don't be afraid to discuss with the editor-in-chief and the crew if you have an idea for an article or want a broader audience for the poems in your drawer.

MANMAN

ManMan is Finland's best, sexiest, and only physicist dance group from Otaniemi. You are certainly going to enjoy this lively group's enthusiasm and energy sometime in the future. The dance group is run by ManManMan and everyone is welcome to join! Some of the members have absolutely no previous dancing experience - the most important thing in ManMan is having fun together and breaking out of one's limits.



Spex is a student run musical, in which the audience gets to interact in!

PHYSICIST SPEX

The Physicist Spex is the guild's very own spex something that no other guild in Otaniemi has! The Physicist Spex is as far as we know the world's only Spex which is also performed in English. The previous Spex Our hopes and expectations, was performed in the autumn of 2019. New Spex are always produced in a two year cycle and you will have the chance to see the new production in 2021. The auditions for the Spex usually start at the beginning of the same year, so those interested in taking part in the next Spex, can apply in the spring of 2021.



FK KOHELLUS



FK Kohellus is the Guild of Physics' sports team. Every guild member is welcome to join their ranks to enjoy the highs of team sports with a relaxed team where victories are chased passionately, but with a healthy dose of humour. Kohellus takes part in a variety of Unisport's ball game tournaments where you can measure up against other guilds' and organizations' teams all in good spirit. The types of games are determined by the guild members' interests, last year this included for example futsal, football and floorball. There is no need for previous experience or skills, everyone who wants to join is welcomed with enthusiasm!



Guild room aka Kiltis

The guild room of FK, more commonly referred to as Kiltis, is a shared hangout space for all of us physicists. You can come to the guild room to drink coffee, study, hang out or even play Mario Kart. Our Kiltis is located in the Undergraduate Centre near the student Hub. You will already get to know the Kiltis with your fuksi group in the orientation week.



Career Stories

The Engineering Physics and Mathematics and Quantum Technology degrees offer a wide range of career opportunities. This is just a small taste of all the possibilities that await you during and after your studies!

I began my studies in 2015 in Engineering Physics. Currently I'm a BSc in Technology and major in Engineering Physics in my master studies. I applied to study here, since in high school I had decided to study something with a nice mix of math, physics and programming.

Few years later I wrote my Bachelor Thesis for a Quantum Transport research group in Aalto university. It was cool to remotely run algorithms on real quantum computers. I had no idea that it was even possible! I even made it to Aalto news (<https://bit.ly/35bSY2l>).

Since the fuksi year, programming has also fascinated me a great deal, and I like to make my own side projects (like iOS applications). Last spring (2019) I realized that I could get a job in coding.



"Here in Aalto and our program, I find it most important that one gets to be surrounded by people like you"

Couple months later I started to work part time at Smartly.io where I developed a tool that automates digital marketing. It has been neat to get to do some "real work" besides studying. You get work experience and possibilities to apply your knowledge in working life. Here in Aalto and our program, I find most important that one gets to be surrounded by

people like you! In addition to working and studying, we run a small IT consulting company and with some of my friends and with a couple others, develop a social media application.

Although I currently don't do physics really anywhere but school, my background in Engineering Physics and Mathematics has been a great advantage everywhere. We are known as smart, diligent and relentless workers. Those qualities, if some, are beneficial wherever you go

ARTTURI JALLI

I started to study here in 2016 and chose to major in System Sciences. To my studies, I also wanted to include some business studies, and I minored in finance from the School of Business and later took some courses in Financial Engineering in Hong Kong. There are numerous major-minor combinations supporting each other, which is great in our study program.

My interest in mathematics and finance lead me to work with risk functions in Aktia bank for three summers as an intern and later as a part-time analyst during the studies.

I got to model the risks of loan stock from different perspectives, creating and accelerating internal reporting and making data-based

ad hoc checks from different processes in the bank.

"To understand the career opportunities as widely as possible, ask the older students where they work and what they do!"

Later in my studies I participated in the Data Science competition held by Boston Consulting Group (BCG), which sparked my interest in management consulting. In the fall 2019 I worked as an intern in BCG Gamma (Data Science department of BCG). I took part in a project in Stockholm, in which we built a recommender system to our customer to support the growth in sales

For the fuksis still in the beginning of their career path I would like to give the following advice: To understand the career opportunities



as widely as possible, ask the older students where they work and what they do! There are lots of different job options compared to other programs, so everyone will surely find their own thing.

OTTO SAIKKONEN



Heya! I am Unna, fifth-year physics student, and I work for VTT with nuclear reactors. My interest in the nuclear energy field started to grow when I started as a summer intern in a Fusion and plasma physics research group here at Aalto university. During the summer I wrote my bachelor thesis and obtained deeper understanding of both plasma physics and the world's energy needs. Fascinated, I decided to apply to work around similar subjects the next summer as well -- this time with bit more traditional approach to nuclear energy.

"It has been rewarding to notice, how the skills learned in school have been useful in work"

I got the position as an Aalto external in a research group of VTT. After the summer, I was offered a part time contract, and until now I have been working at VTT. Working besides studying proved to be challenging in the beginning, but after some time I found a nice balance.

In my work, I have got to introduce myself in the depths of traditional reactor physics. Recently I've been modeling a reactor heart and developing tools to make the modeling easier. Programming skills have been very useful!

I also get to participate in interesting scientific meetings and even present my own results in conferences. It has been rewarding to notice, how the skills learned in school have been useful in work. Still, you always learn something new in work.

But now, enjoy your summer and especially your upcoming studies -- work will wait!

UNNA LAURANTO

JÄYNNÄ

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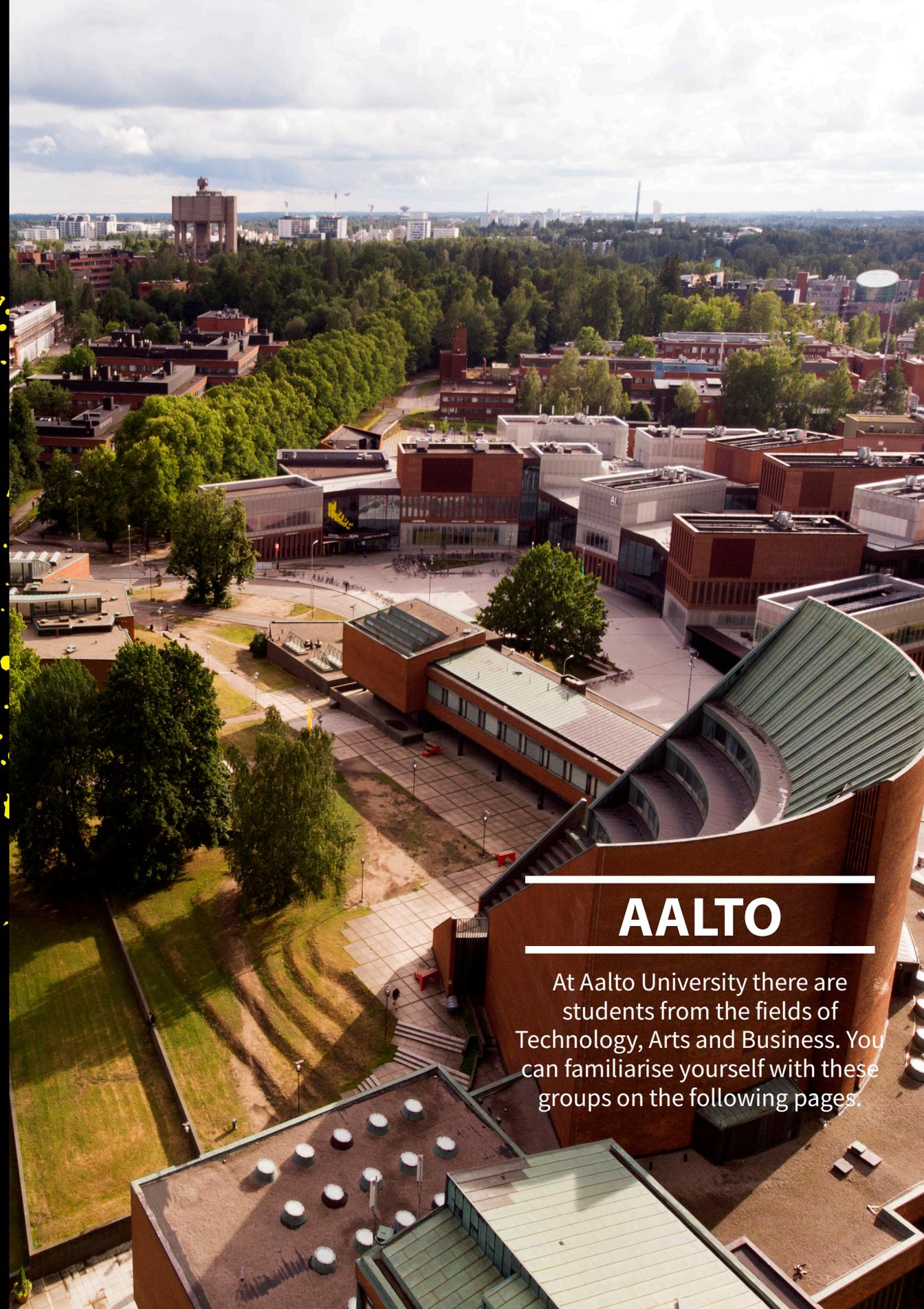
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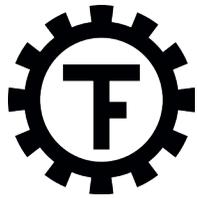
AALTO

At Aalto University there are students from the fields of Technology, Arts and Business. You can familiarise yourself with these groups on the following pages.



Guilds of Otaniemi

At Aalto University, there are many other Teekkaris (Students of technology and science) besides us physicists, system scientists and mathematicians. Here you can get to know a bit about the guilds that receive fuksis.



Teknologföreningen, TF, is the Swedish-speaking and the only student nation at Aalto. Everyone is welcome to TF despite study programme or language. The only requirement is to be interested to learn or speak Swedish. Teknologföreningen's place and own student restaurant are in Urdsgjallar, a big concrete building next to Dipoli. "Täffa"-members are recognized from their dark red, also known as technology red, overalls.

The Guild of Surveying Engineers (Maanmittarikilta aka MK) was founded in 1901 and is the oldest guild in Finland that still accepts fuksis. It is said that of all the guilds, MK feels the most like a family, "killoista perhein". Their overalls are matt black with a fuchsia left sleeve and back pocket to represent the Built Environment major. The back of their overalls is decorated with the guild's logo: "three hard" ("kolme kovaa") and the course year code is displayed on the left calf.



The Guild of Architecture (Arkkitehtikilta aka AK) was founded in 1908 and is Otaniemi's third oldest guild. It is home to students of Architecture, Landscape Architecture and Interior Design, so their members are a mix of students with either technical or artistic backgrounds. The Guild of Architecture's overalls are broken white and they are made of a very easily soiled cotton. The Landscape Architects can be identified by the self-drawn tree on the left leg, to which a leaf is added every Wappu. The logo on the back of the overalls is different each year, as it is designed by the fuksis themselves.

The Guild of Civil Engineers, more commonly known as "Raksa", is a subject association that was founded in 1913 and accepts undergraduates studying Energy and Environmental Technology. As of this year, they are also welcoming Computational Engineering students to their ranks. The association, which was originally named "Engineers' Club" (IK) is Otaniemi's third oldest guild that still accepts fuksis. Before 2013, the guild members majored in Building and Environmental Technology. Raksa members are easily identified by their builders blue overalls and their legendary chant of "RAKSA JAKSAA" ("Raksa perseveres!")



The Guild of Mechanical Engineers (Koneinsinöörikiilta aka KIK) was founded in 1915, and even with 105 years of history, it is the youngest guild in the School of Engineering. However, it is one of the biggest guild's with over 1000 members. Members of KIK are known for their light pink overalls.

The Guild of Electrical Engineers (Sähköinsinöörikiilta aka SIK) was founded in 1921 and will soon turn 100. The energetic and hard-working electrical engineers can be identified by their pure white overalls, the back of which sports their light-bulb logo. Their overalls are also decorated by a depiction of a telegram on their right thigh pockets. These overalls can be seen on SIK fuksis from day one, as they are the first guild to receive their overalls in Otaniemi. SIK's chant is "Jappadaida, jappadaida, Hei, hyvä SIK!"



The Guild of Physics (Fysikkokilta aka FK) is a subject association, founded in 1947. It gathers under one roof, all of Aalto's Physics and Mathematics and now also Quantum Technology students. Each FK member later specializes in either physics, mathematics or system sciences, unless they study Quantum Tech. The guild's overalls are natural white, and to get the right shade, fuksis dye their overalls with tea.

Prodeko, The Guild of Industrial Engineers, was founded in 1966. Although the guild only has a small intake, their members are all the more active! Industrial Engineers can be recognised by their white overalls, which are decorated with rainbows. New fuksis design the overalls from the ground up and put them for the first time in November at the Sikajuhlat, to which you are also warmly welcome!



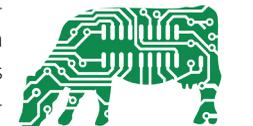
Computer Science Guild (Tietokilta, TiK) is a student association founded in 1986. It gathers computer science students as well as the students of a new English bachelor programme Data Science. Computer Science Guild is one of the largest in Otaniemi. Members of the quild wear shiny black overalls with an unofficial @-logo in the back.

The Guild of Automation and Systems Technology (Automaatio- ja systeemitekniikan kilta, AS) brings together students majoring in Automation and Control Engineering, Information Technology as well as Digital Systems and Designs. The industrious members can be recognised by violet overalls. The left sleeve is black with a white pocket and that reminds of shared history with TIK and SIK.



Athene, the guild of information networks, is founded by its students in 1999. Despite its small size and young age, it is full of cheerful students. Athene's overalls are a forest or "Athena" green. The overalls' left sleeve is black as a tribute to when Athena separated from the Computer Science guild in 1999. The eye of Athene is the official logo which can spotted from the overalls or wherever one sees Athenians.

Inkubio, The Guild of Bioinformation Technology, was founded in 2007 and is thus Otaniemi's youngest guild. As the result of a historic spelling mistake, Ikubio's overalls are a reddish brown, and they are decorated with white "cow" patches, which guild members sew on themselves, to commemorate the time when they were part of the Guild of Electrical Engineers. On their backs, they proudly carry their logo, Maikki, a circuit board in the shape of a cow.



Association of Process Engineering Students gathers Chemical Engineering students in whole Finnish programme and also in English bachelor programme. In 2012 founded PT is the youngest student association in Otaniemi. PT's overalls are blue and have three stripes on each limb as a reminder of three old guilds. The association's logo can be found on the back: it shows a bourdon tube pressure gauge measuring pressure, one of processes' most important variables.



Congratulations on getting accepted to study and choosing Aalto University - you can be proud of your achievement! We at KY are pleased to welcome you to our great Aalto community and next we want to tell you a little bit about what KY is all about.

What is KY?

For over a hundred years, and for years to come, Aalto University Business Students, or commonly known as KY, has and will be the home and community for all Aalto University Business students. Founded in 1911, KY has ever since provided its members services and benefits, student advocacy and memorable experiences, as well as friendships that last a lifetime.

KY exists solely for – and because of – its members. Many students choose to volunteer their time and are active in, for example, KY's associations, committees and project teams. Every degree student at Aalto University School of Business may join KY and the membership is free of charge.

KY Foundation, for its part, was founded to support the students at Aalto University School of Business. The foundation distributes grants and subsidies, for example, to KY's associations and individual projects. Together, KY ry and KY foundation form one united KY with endless possibilities.

KY in numbers

- Over 3000 members**
- 109 years**
- 3 locations**
- 11 employees & 8 board members**
- Over 50 associations**
- Hundreds of volunteers**



Aalto ARTS student organization

Aalto-yliopiston Taiteiden ja suunnittelun ylioppilaat TOKYO ry is a student organization which brings together students of Aalto University School of Arts, Design and Architecture. There are multiple subject organizations within Aalto ARTS, but TOKYO is the umbrella association open to all ARTS students. As a school level association TOKYO takes an active part in student advocacy and organizes events to gather together all the ARTS minded students and alumni.

TOKYO



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BIGS AND FUKSI GROUPS

Meet the BIG coordinator, International Captain and our magnificent group of BIGs. They will ensure your fuksi year will be amazing and no one is left alone!



BIG Coordinator's greetings

Hello!

I'm Henri, the Guild of Physics' BIG Coordinator. This means I lead the formidable bunch of the Guild's BIGpersons, of which you already caught a glimpse on the previous pages. Together with the BIGs we strive to make your first steps on the journey to become a Teekkari the best we possibly can.

BIGpersons are older, generally second-year students, who will be your guides from the very beginning of the orientation week up until the potential Wappu. BIGs will to the best of their abilities help fuksis with questions about the beginning of studies, and they'll also show you the ins and outs of student life in Otaniemi, as well as familiarize you with Teekkari culture. They serve an invaluable role in the Guild, and are here precisely for You, so don't hesitate to ask them about anything on your mind.

On the first day of the orientation week fuksis will be divided into ten groups, each of which has its own BIG group to accompany them. This lot you'll get to know closely during the activities of the orientation week, and the BIGs of your own group are your first and closest contact to the Guild and student society. Especially during the orientation it pays to follow your BIGs to every event, as this way of getting to know Otaniemi and the Guild of Physics is both easy and fun™! After the orientation week you'll also get to spend time with your group among various happenings your BIGs have come up with. Note that you can also give suggestions to your BIGs about your own ideas.



In the end you should also remember, that even though at first BIGs and older Guild members may give the impression of having been here forever and knowing everything, in reality we are all students just like you. We're in this together, so when facing challenges you can be sure you'll get from your BIGs the best peer support there is. With some luck your BIGs may even become close friends with whom you'll continue spending time for the rest of your studies.

I'd also like to personally welcome you to Aalto University and the Guild of Physics. Congrats for your excellent choice, you've found your way to an incredibly awesome student society, and soon you'll get to experience a truly unforgettable fuksi year! A small piece of advice I'd like to offer is to always remember to relax and enjoy your free time in the midst of studies. Take part in any interesting activity without hesitation, and you'll surely find your place in the student community among other equally amazing people.

Your BIGs and I eagerly await meeting you! Should you come up with any questions concerning BIG activities or anything else, I'm always happy to help.

See you in the autumn!

Henri Brax
BIG Coordinator
@ISOvastaava
henri.brax@fysikkokilta.fi

SCHRÖDINGER'S TURTLES

We might not be as cute as kittens, but we're 50% 100% alive and ready to welcome you to the Aalto community and the Guild of Physics. Fuksi year is full of excitement: new studies, new friends and fun events. Luckily, we're here to guide you through these adventures and towards the secrets of teekkari lifestyle. See you in autumn!

"There's no way to kill these bastards." -Schrödinger

"Air-breathing reptiles who don't harm human beings." -Wikipedia



Joel

Aapo

Laura

Venla

Robin

FUKSIRYHMÄT

EXPONENTIAL HORN

Tototoot! This is a fanfare of glory that celebrates your upcoming journey.

Sweet melodies and magnificent BIGs of the Exponential Horn offer everyone a chance to enjoy the fuksi year at their own resonant frequency. Seize the opportunity by meeting others. Even though a scientist's thoughts might occasionally escape the real axis, the friends you acquire are not imaginary. Experience something novel and focus on what you end up loving but remember to take breaths in between: horn players do, too.

Jerry, Isak,
Joonas,
Leo, Antti,
Elias





ANGELS OF RIEMANN

Tuomas, Riki, Jere, Lauri, Topi

Autumn is coming and with it follows new challenges and fun times. We welcome you to the hottest boy band of the fuksi year! We in the Angels of Riemann understand the priorities of life. Fun always comes before work, trust our word. If you have wanted to have a bath in the Servi's lodge on the hill, our angels can help you. If you have ever wanted to climb a pillar of light, our angels can guide you. If you've ever wanted to win at roulette, our angels can't help you (unless you put everything on red). Of course, the responsibilities have to be taken care of, even then you can turn to the angels with your worries. Have a very good summer and congratulations on your first-class choice to come to study at Aalto University.

FISHTAIL INTEGRAL IN MOOMINLAND

During your fuksi year a whole lot of different kind of integrals are studied, but only a selected few understand the secrets of the fishtail integral. Otaniemi can seem large and scary but it is not (if you exclude the main building). We as a group would like to speed up your adjustment to Niemi and can for example show you the way from TUAS-building to Smökki in less than thirty minutes. We are also experts in showing you the best bathroom in the main building. Of course, we can help with other emergencies. The Moomin house might not get locked during the night but the campus does, and we are here to make sure no-one gets locked in there for the night.

Aino, Anna, Jaakko, Ella, Milla, Into



The Boys Are Back In Town!

Bikers and bulldozers beware, when the Roottoripyörrejengi rolls around the corners of Otaniemi. It's time for you to start your fuksi journey with Aleksi, Rami, Jaakko, Juuso and Onni (2x). You'll ride with us from the early sunshine of orientation week, through the winter and into the forecoming Wappu!

The next year is full of changes and all sorts of new prospects. We will be by your side in your time as a fuksi, guiding you through the rocky roads and wide horizons in your path. The name of our group is a pun on the Finnish word for "motorcycle gang", where roottori = curl. You'll learn all this in due time.

Welcome on board the gang and see you in the autumn!



ROOTTORIPYÖRREJENGI

Onni, Juuso, Rami, Aleksi, Jaakko, Onni

MATILDA THOMASSON-INSTITUUTTI

From beneath the ancient Phoenician sun,
the story of thousand years began.
A journey through both time and space
is far from the end of its race.

Finally safe in the students' care,
all the noble traditions again may flare.
In the autumn you might get to hear
about all the old stories we hold dear.

Until the time we get to meet
and you to your now school greet
we hope you all will have a great summer!



KLL DEKADENCE

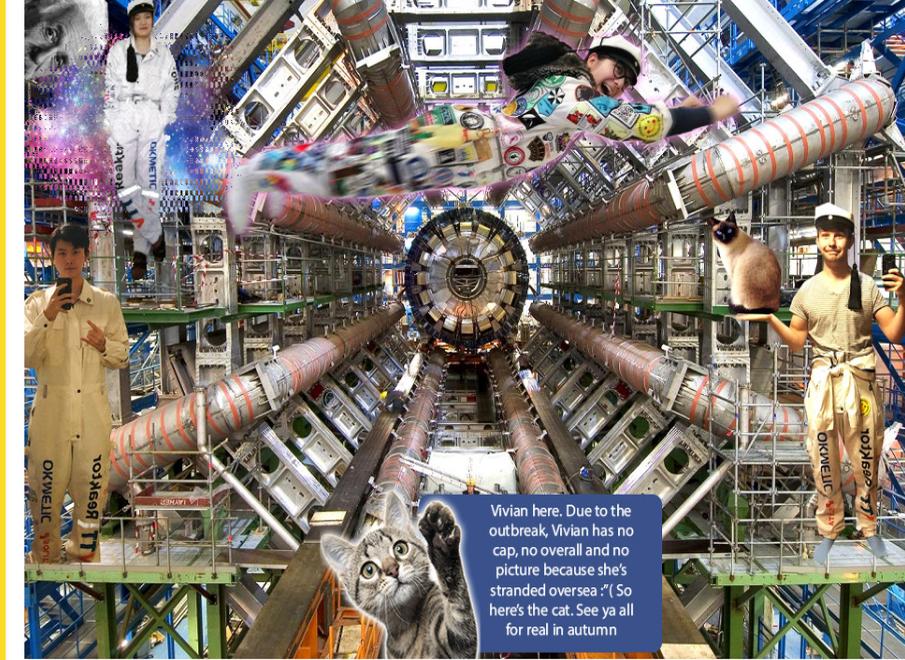
Have you always desired to take part in something traditional and ancient? For at least a few years now various decadents have gathered together a group of fuksi that fit the description. Sophisticated disorder is on the table for the lucky again next year! Who makes it through the mayhem and gets to wear the teekkari cap? Setting an example there are, the already numbered by chaos, BIGs Mikael, Valtteri, Paavo, Sonja, Olivia and Jarkko.

Mikael, Valtteri, Paavo, Sonja, Olivia, Jarkko



LOS QUANTASTICOS

Like traditional superheroes, the BIGs of Los Quantasticos protect their fuksis from all the common fuksis blunders including getting lost in the undergraduate center, having too many courses and missing out on fun events. The BIGs of this group, consisting of four second-year and one third-year student, will guide you through your fuksi year, on the road towards becoming a Teekkari. Get ready for a quantastic year!



Vivian here. Due to the outbreak, Vivian has no cap, no overall and no picture because she's stranded overseas. (So here's the cat. See ya all for real in autumn)

Annamaria, Helen, Vivian, Aku, Rui, Qinxing

AADA'S ORANGE JUICE

In a Brazilian village, juicy oranges are ripening. In Otaniemi, it is the new freshmen who are ripening. The fresh and refreshing juice is called Aada's orange juice, which happens to be the richest freshmen group (in vitamin C) of the year. We promise to grow every fuksi with warmth, love and a sunny attitude. This group is filled with sweetness, terrible banter and hugs. No fuksi will be left behind, and you will ripen together like the fruit of a tree up to the point of becoming full-grown Teekkaris. With us, freshly squeezed joy and delight will ooze out of you throughout your fuksi year. We welcome each and every one of you to Aada's orange juice. Join us and find out your true identity: Are you a pear or perhaps a potato?

"Mmmm, now that's one tasty orange!"

– Richard Feynman, ex-broccoli

Jonas, Antti, Perttu, Reko, Aada, Sofia



QUANTUM TECHNOLOGY

Our mission is to channel all your fuksi energy for the betterment of you and our community. We will achieve this with our dearest friends, coffee, and partying. In the summer we will let loose and catch some sun. Even though the winter may shrink our vigour, we will always stay strong together.

We hope you will release your energy into studying or maybe Nut at all. But make sure to wake up every morning with your head held high.

So to Aalto's fuksis, we cannot wait to meet you all. Brace yourself for the upcoming year and welcome to the family.

Rohit, Amy, Aleksanda, Leo, Joona, Baotran



Tupsufuksi stories

Salutations to you, future fuksi in the Guild of Physics, and congratulations on your admission! Your choice has been excellent, because you are about to enter the best educational institute and student community on the face of the Earth. I wish you warmly welcome!

For me, the beginning of studies brought about a huge change. Previous summer, I had just moved on my own for the first time, and I worked before the semester began. Summertime was a relatively lonely period, but at the start of the orientation week, my eyes started to sparkle. With an open mind, I immediately found new acquaintances, which have grown into great friendships during the first year.

At first, the start of university studies might feel like you were swimming in cold water for the first time. The workload is considerably bigger than in high school, but with friends even that can be overcome.



Jaakko Sirén
Quantum Technology tupsufuksi

Here are stories of two now second year students. Last year they were exactly in the same situation as you are right now!

Even the hardest differential equations are solved much easier by working together in a group than by smashing your head against the wall alone. Calendar and time management skills do matter, especially when the exam week arrives. In order to endure, you should also reserve time to relax and hang out with friends.

There are a lot of free time activities available. From the university associations and clubs of every type, one can choose their own thing. Personally, I found my place on and around the coach of our Guild Room, startup enthusiasts, and the Sitsit parties. You will surely find your place somewhere as well, and therefore I recommend you to participate keenly in the events of the fuksi year, and to explore what kind of opportunities are available around you.

The single greatest aspects in Aalto are the general team spirit and the friendships. There are so many like-minded people around, I feel that it is easy to get to know people, and discuss almost anything without the fear of judgement from others. That is something that you could call the Teekkari spirit.

From my part, I wish you very welcome to Aalto, and especially to the Guild of Physics. Enjoy your summer, I'll see you in the fall!



Hey you, new physics fuksi! Congrats on your admission to Aalto and welcome to the Guild! Hopefully you are ready for an amazing year, during which you will get to familiarize yourselves with mysteries of physics and mathematics, meet new people, and participate in many different kinds of events and activities.

When my studies began in the fall, I was really excited: I finally got to start my studies in a university and to move out to my own place. All big changes, even the positive ones, require a lot of energy nevertheless. At the same time, I had to learn to live on my own, and get used to taking responsibility for my own university studies. I soon noticed how much time housework consumes. All of the sudden, there is no food, if you don't get it yourself from the store, and the laundry doesn't wash itself either. You get used to the new rhythm surprisingly quickly, however.

I had one week to practice living on my own before the school started. I had been warned that university studies consume more time than in high

school, but nonetheless this aspect surprised me. There were a lot more exercises to be returned compared to high school, and I had to take more responsibility for my own learning. Especially at first, I felt that there was so much to do, that I would need some kind of superpowers to survive. However, little by little my time management skills improved, and the workload didn't feel too big anymore. Luckily, you don't have to cope with everything alone, and frequently you can solve problems in a group. Usually an explanation from a friend is easier to understand than the notes from the lecturer, too. Exercises are solved quicker with team work than without, especially when you manage to keep your focus on the task at hand.

Time in the university doesn't have to mean that you just study. Student life is full of possibilities to participate in various events and committees, and to join associations that interest you. Already within the Guild of Physics there are a great deal of things to do. Personally, I am a member in the Abi committee, which seeks to promote our degrees to the high school seniors (abi in Finnish), and I have played with the Guild's sports team FK Kohellus. The Guild arranges all kinds of events, such as sauna evenings and Guild Room happenings, where you get to spend time with fellow guild members. I warmly recommend you to get involved in everything that you have time and interest for, because I have gotten so much from it myself!

Have a nice summer and see you in the fall!

Aino Weckman
Tupsufuksi of Engineering Physics and Mathematics

GOOD TO KNOW

Fuksi = first year student

Tupsu = tassel

Tupsufuksi = first year student who has got their teekkari cap with a tassel on it

International Captains Greetings

Bazinga! Congratulations on an excellent choice of coming to Aalto University and welcome to the Guild of Physics as well!

My name is Tuomas “Lebens” Lebedeff and I am the International Captain for the next academic year in the Guild. Basically that means that I’m responsible for introducing new exchange and master student into our Guild and into Finland, and organizing dope events for you and all the other internationally minded members.

Aalto University and the Otaniemi campus are a very special place, and the student culture here is something that simply cannot be found anywhere else in the world (and I have tried). Some of the Teekkari (i.e. tech student) traditions here are much older than Finland itself, and new clubs or traditions are born all the time. I don’t know if it was the vivid start-up community (google “biggest hackathon in Europe”), amazing parties, the Finnish wildlife, or just pictures of funny people in goofy overalls that got you to apply, you have definitely made the right choice.

Most guild member come from the two Finnish and one English bachelor programs in physics and mathematics, but we welcome everyone are into our ranks as they are, regardless of language or whether you are going to stay here for six months or six years.

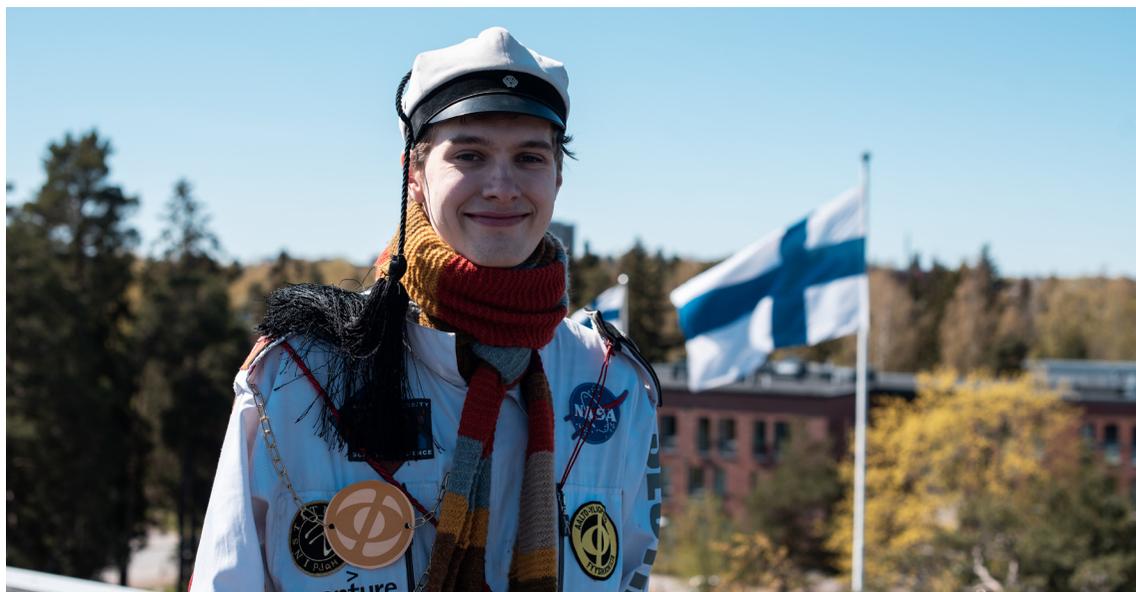
As an International Captain, I am also part of the International Committee (KVTMK), which organizes all sort of cool events for all internationally minded people in Aalto in English. More about those later on. :)

To help me with all of these task I have an amazing team of 19 highly-motivated International tutors, also known as BIGs. You can check out their faces of the next page, but every new exchange of master student will also be contacted by a personal BIG, whom you can ask about anything that’s own your mind. Also, don’t ever hesitate to come talk to me either, if you have a problem or a cool idea for a new international event.

Most importantly, I want to encourage you to take part actively in the student community in Aalto and make wonderful memories with new people around the world and from Finland. I also recommend warmly to all new Finnish fuksis to also try out international events and break language barriers in both directions.

Have a fun summer and see you soon!

Tuomas Lebedeff
International Captain
@TuomasLeb
kv-vastaava@fyysikkokilta.fi



INTERNATIONAL BIGS



äpy

Luonnonpuisto tarjosi retkeilyä polkuhintaan. / Aloitteleva siivoja on harjoittelija. / Kuumana

«Meni hyvä isoäiti hukkaan», pohti Punahilkka. / Tour de Francea sabotoi pah

rjet ovat syntik-
amaineinen ket



teipäjonossa: «En ota kantaa.»
/taalisia valvoo raajavartioloitos.
saston hittituote on best selleri.

on hyvä elää - parasitti. / Aladdin kylästy olemaan sinkku - nai maton. / Poliitikko
jätti tulematta keikalle, lavalla oli posketon meininki. / Halveksittu norppa on hyje. / Su
possua piinasi nestehukka. / Astronomi sydänsuruistaan: «Lähti rakas luotain.» / Vihannese

koja. / Toivoss
jupolttaja. / Chee
kesäpäivänä

TEKKARI CULTURE

On the following pages, you will find a short guide to some of the fundamental elements of Teekkari culture. It is impossible to explain fully what being a Teekkari means - it is something that one can only fully grasp by experiencing it oneself.



Manifestations of being a Teekkari

Teekkari Cap

The Teekkari Cap is the most distinctive and important mark of a Teekkari and one of the goals of the fuksi year. Only Teekkaris are allowed to wear the cap, and even they are only permitted to wear it during the summer months (1.5-30.9), unless they have been granted special permission. When wearing the Teekkarilakki, you are representing a large community and should therefore behave as such. The cap should be worn with the dignity and pride that is befitting of it.

You have the opportunity to get your own Teekkarilakki by collecting enough fuksi points. The first time the brand new Teekkari Cap can be put on, is at Wappu (provided it is organized).

Singing culture

Teekkaris usually sing loudly. It is of course nice to actually be able to sing, but the most important thing is to join in wholeheartedly, even if you aren't gifted with an ear for music. Practice makes perfect, and with the help of the Teekkari spirit, some have even unveiled a hidden talent for singing that they never knew they had, because they had never really dared to try before. For the real singers amongst you, AYY has a number of outstanding choirs, for example the Polytechnics' Choir, which counts as one of Finland's top mens' choirs, as well as the mixed choir, Dominante. It is however always good to remember the Teekkaris' number one rule when it comes to singing: A Teekkari rather sings than does it well!* The song test is compulsory if you want to earn your Teekkarilakki for the potential Wappu.

*With more enthusiasm than skill.



Overalls

In addition to their tasseled caps, Teekkaris can also be recognised by their overalls. However, this isn't quite as simple, as other institutions of higher education also use overalls. Overalls are the representative garb of the Teekkaris and the oldest Teekkari overall in the Teekkari Museum's collection dates back to 1961. As such, the discussion about a unified attire for Teekkaris had been going since the 1930s, however it wasn't until the 1960s

that the Teekkari overalls took the lead as favourites over the previously used lab coats. The overalls are decorated by sewing on a diverse set of badges, but real "overall artists" attach all manner of useful and less useful thingamajigs to their overalls, in addition to the badges

Sitsit

Sitsit are academic dinner parties, in which fun is had in style and high spirits. Sitsit usually include a three-course dinner which is enjoyed with drinks to complement the food. The most important part of the sitsit is enjoying the evening in good company and singing. The songs initiated by the Songleader, or so-called "Lukkari" are an integral part of any sitsit. The evening often also includes a range of different performances. The dress code for Sitsit is usually a black suit and cocktail dress, however, occasionally Sitsit have a special theme, in which case one usually dresses according to that. You will be able to get your first taste of Sitsit at the Teekkari Culture Sitsit. During the course of the evening we will teach you the basics of the Sitsit code and everything from toasting to the choreographies belonging to a number of songs.

Spex

Spex are interactive music and dance filled performances. The audience can at any point ask the performers to replay a scene by shouting "Omsart!". You can also add an order after the call, for example "Omstart, in German!", to which the performers instantly have to recreate the scene whilst adding the necessary injections of "Ach!", "Ich komme!", or other such phrases. Each Spex performance is a unique experience. The physicists also have their own Spex, the Physicist Spex (Fyysikkospeksi). The Physicist Spex production machinery produces a performance in the odd calendar years, so you will have the opportunity to watch the brand new edition this autumn, which is also held in English. The production team needs set dressers, costumiers, musicians, dancers, actors, lyricists/writers and many more. Most of the recruitment takes place in the spring of the Spex year, so the next time will be in spring 2021.

Tempaus

A Tempaus is a way for Teekkaris to affect current affairs with a bit of humour, but still an appropriate level of seriousness. The idea behind Tempaus is to draw the attention of large audiences to certain issues by deploying a vast number of message-bearing Teekkaris into the world. In one of the most famous Tempaus, Otaniemi's Teekkaris carried bricks from the ruins of a Soviet embassy that was destroyed in a bombing, located in an eastern harbour town to Otaniemi's Teekkari village for building purposes.

The previous Tempaus was four years ago, in which the importance of education was promoted by visiting almost all of Finland's primary schools. A Tempaus is called to action by a man shrouded in mystery and known only as the "Jämeräpartainen" (stout bearded) Engineer. The stout-beard always calls a gathering of representatives to fill the tasseled community in on the details.

The command obliges fuksis and Teekkaris alike to join in on the Tempaus with their own contribution. Throughout history, fuksis who have slipped by the Tempaus have remained capless, and even some older students may have the right to wear the cap revoked, if they have failed to honour the call.

Wappu Magazines

Wappu magazines are one of the most well known manifestations of being a Teekkari outside of Otaniemi. There are two Wappu magazines that are published in Otaniemi: Äpy in odd numbered years and Julkku in even numbered years. The magazines are published about a week before Wappu, after which enthusiastic sales Teekkaris take to the streets of the capital region to find the best spots for selling. You can also join in the most fun part of Wappu and at the same time earn a bit of Wappu cash by selling Äpys!

Excursion

An excursion in student terms more specifically means a company visit, however, it is also often used as a general term for other visits outside of Otaniemi. During company visits, there is usually



an official part first, where the company presents its operations. After this, the mood becomes a bit more casual and you can also meet some of the company's employees. In autumn there is a fuksi excursion to Innofactor. Excursions that last a few days are known as Puolipitkä (Half-long) or Pitkä (Long), depending on if they last more or less than a week. Half-longs are usually arranged within the country and Longs usually abroad.

Annual Ball

Different guilds and associations celebrate their anniversary with class and distinction. The celebrations usually start with a cocktail party, where invited guests/associations present gifts to the board of the celebrating association. After this, the main celebrations begin in the form of a high caliber dinner party. After the main celebration, the event continues through the afterparty to the next morning's hangover brunch or "Sillis". The 72-year-old Guild of Physics' annual ball is called Fuusio and it is always celebrated in spring on the Saturday closest to Albert Einstein's birthday.

Jäynä (Pranks)

Teekkari culture and they can often be seen in Otaniemi's daily life in the form of cheery tricks and installations. An authentic Teekkari Jäynä brings laughter to all involved parties by clever means. A Jäynä is often topical, engaging and makes use of technology. A Jäynä should under no circumstances cause harm to anyone or anything, instead it should be an insightful prank or practical joke that in the end, even makes the target of the joke laugh. It is always a good time to do a Jäynä. The best Jäynä ideas are worth submitting to the Jäynä competition which comes to its peak in the spring's potential Wappu.

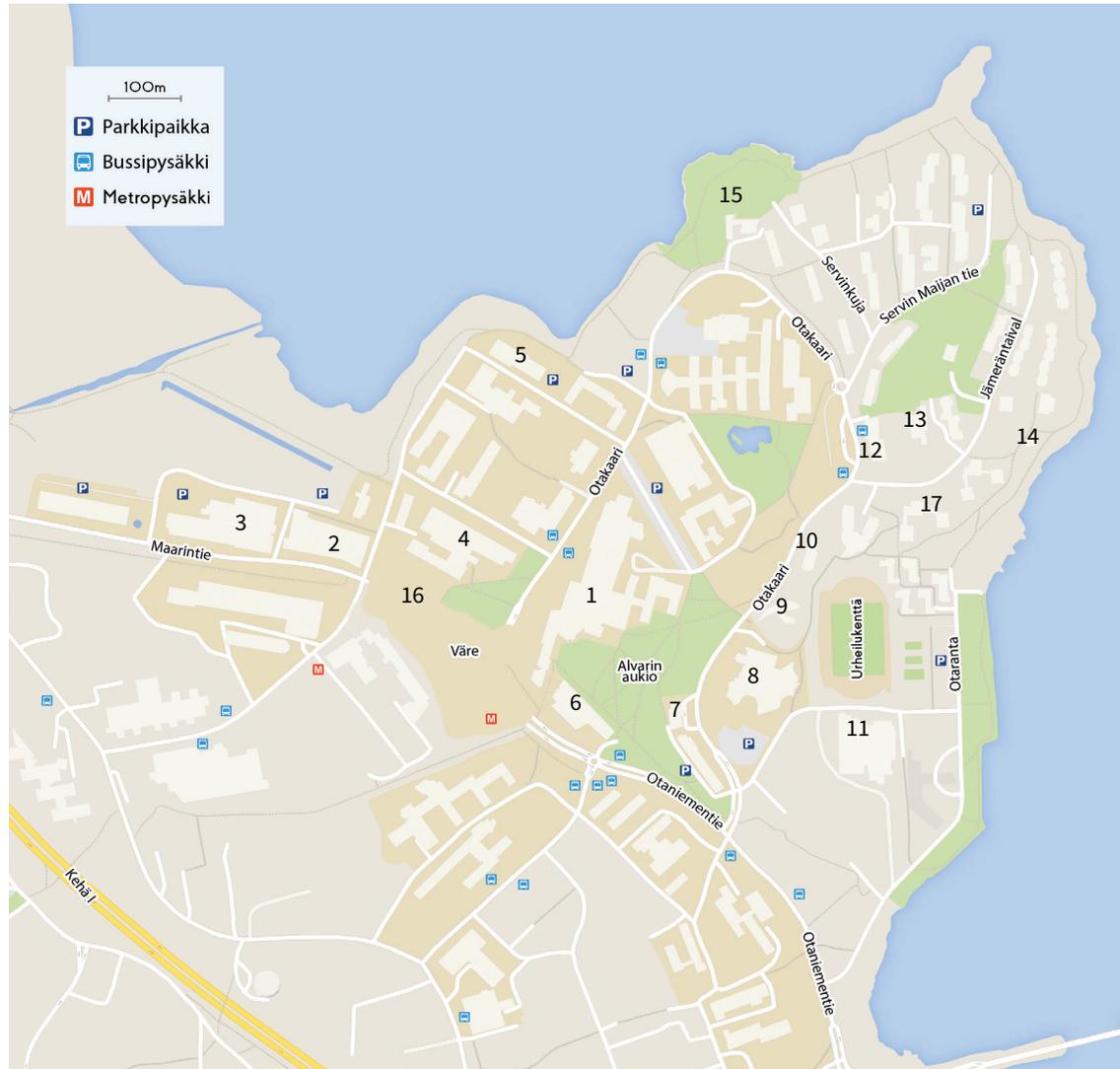
This is just a taste of everything you'll experience. More coming in autumn!

Otaniemi Dictionary

Alvari	Student restaurant in the Undergraduate building. Can also mean Alvarinaukio.
Amfi	The amphitheater located behind the Undergraduate building. An important altar for Teekkari culture, where the caps are distributed.
Annihilaatio	ENG: Annihilation. Party organized by freshmen of the Guild of Physics in spring, which is open to anyone.
Board	FIN: Raati. The board of the guild. Which is selected every year in the election meeting usually in November.
Bälst	When something happens with great intensity. Etymology from the english word "blast".
Bärs	See. Körs.
Dipoli	A colossal labyrinth/building which you'll get to know on the very first day.
Donkey Bridge	FIN: Aasinsilta. A more or less relevant story to tell during a sitsit. See. "Sitsit".
Eastern Harbour Town	An area immediately outside of Otaniemi, who some call our capital city aka Helsinki.
Epsilon	A tiny greek letter with which you can get in a lot of trouble in math courses.
EENNGIIIII	School of engineering's battlecry.
Excursion	A visit to a company or other special location.
Fiisut	Song book of the Guild of Physics.
Fuksi major	Leader of FTMK. Decides if Wappu is organized.
FTMK	FIN: fuksitoimikunta. A committee made of all fuksi captains in Otaniemi.
Fresher	First year student in general. See "fuksi" and "mursu".
Fuksi	First-year tech student. Easily recognized by the lack of badges on the overalls and the lack of a Teekkari cap.
Fuusio	The annual ball of our guild which is held on the closest saturday relative to Einstein's birthday. This year the Guild of Physics turned 73 years.
Gravitaatio	ENG: Gravitation. One of the 3 biggest parties usually held in a club in Helsinki.
Hottis	FIN: Hyvän olon toimikunta, the Committee of Leisure. Organizes sauna evenings as well as culture and sports events.
ISO	The Finnish term for tutor. English ISOs are known as BIGs.
Iteration	Repeating the same thing over and over again until we get the desired result. If you didn't get this, then read this part once again.
JMT	Jämeräntaival.
Julkku	The wappu magazine published on even years.
Jäbä	A gender neutral term for any person ever.
Jäynä	A practical joke that brings a smile to all parties involved.
Kiltis	FIN: Kiltahuone aka the guild room. The Guild of Physics' Kiltis is in the Undergraduate Center (Otakaari 1).
Kimble	A popular game where success requires masterful tactics. Getting eaten will be punished severely.
Konklaavi	A croquet association that organizes croquet games (with a beer twist).
Kvantti	FK's guild magazine and the supremum of guild magazines.
Kylteri	Finnish slang for a business student.
KV	Short for "kansainvälinen" aka "international".
KVTKM	FIN: kansainvälisyystoimikunta aka International Comittee. Organizes international events for international students in mind.
Körs	See. Bärs.
Lakinlaskijaiset	A giant party, where the Teekkari cap is lowered to hibernate.
LaTeX	A Software that allows you to write good looking documents with mathematical equations.
Löyly	The action of throwing water on the hot stones in the sauna.
Lukkari	Finnish for Songleader. Leads all thing related to singing during a sitsi and is responsible for upholding the guild's singing culture.
Lörs	A thing or a state where everything is not exactly fine tuned. Works as a handy filler word.

Mökki	Finnish for "cabin". A place where the amount of chilling, saunaing and ethanol varies.
MaltRK	Maltain Ritarikunta aka The order of Malt. A tousand-year organization, which is sometimes seen organizing events for the guild. Dresses in robes.
ManMan	Finland's sexiast physicist show dance group. The most talented dance show in Otaniemi.
Mursu	First year business student.
N	Your (studying) year after the 4th one.
OK20	Otakaari 20, has apartments, sauna and sitsi venues.
Ossin Linna	Otakaari 18. Can also mean the sauna situated in the same address.
Overalls	The beatiful garment proctecting your entire body and decorated with patches.
Palju	Finnish for hot tub. Very relaxing.
Phi	The most beautiful and most proportional greek letter. The symbol of the Guild of Physics.
Polyteekkarimuseo	The oldest museum that depicts student cultural history. Founded in 1958 and is in JMT3A's basement.
Pilalla	When somebody lives a decandent lifestyle. You can emphasize the effect of the word by doubling ("Pilalla pilalla").
Pöhinä	The act of solving problems (generally businness related) with an innovative approach. Usually a lot of hand waving is involved.
Rantsu	Rantasauna, built with teekkari spirit and labour.
RWBK	A volunteer fire brigade from Espoo that plays newer french horn music.
Sauna	A hot room where you sit naked with your friends and/or enemies. Very relaxing.
SCI SCI SCI SCI	Battlecry of the School of Science. Required to ski while shouting.
Setä	ENG: uncle. A slightly older, typically male student. Half of his phrases start with the words "When I was a fuksi..."
Sillis	FIN: Silliaamiainen aka a sort of hangover brunch. Is usually held the very next morning after a party, sitsit or annual ball.
Sisis	FIN: Sisätoimikunta. A committee that organizes parties and sitsit for our guild. See "sitsit".
Sitsit	An academic dinner party where you eat, drink and sing.
SK	Servin kuja.
Skumppa	Sparkling wine. Enjoyed frequently at a Sillis. See "Sillis".
SMT	Servin Maijan tie.
Smökki	Servin Mökki, Jämeräntaival 4. A common party or sitsi venue.
Tassle	FIN: tupsu. The decoration hanging from the Teekkari cap.
Teekkari	A student of technology.
Teekkari hymn	Anthem sang at midnight in the darkness. Every Teekkari has to know the lyrics.
Teekkarilakki	The Teekkari cap. The most important symbol of being a Teekkari which is acquired in your first Wappu.
Telegram, TG	A widely used texting app in Otaniemi like Whatsapp except 1000 times better.
Tempaus	A way for Teekkaris to affect current affairs that is deemed important.
Tiikeri	The tiger (Panthera tigris) is the largest extant cat species and a member of the genus Panthera.
Trivial	Math language meaning: "I know". Also means: "I have no clue whatsoever how we got to this conclusion but..." -> "It is trivial that..."
Täffä	Slang term for TF aka Teknologföreningen, AYY's swedish-speaking nation or its concrete building.
Täti	ENG: aunt. The female equivalent of a Setä. See "Setä".
Ullis	Slang for Ullanlinnamäki. A place where tons of students gather for Wappu morning to have a picnic, drinks and to relax after a rough Wappu.
Undergraduate Center	The building in the address Otakaari 1 and where our guild room is. Formerly known as the "main building" and which is called such to this day.
Wappu	A time period that is (potentially) organized between the beginning of April up until May 1st. A huge and traditional festivity, where you may get your own Teekkari cap provided you've gotten enough fuksi points. Must be experienced!
Äpy	Wappu publication published on odd years.

Otaniemi campus map



1. Undergraduate Center aka main building. From there you will find FK's guild room (Kiltis).
2. CS-building (T-talo).
3. TUAS-building
4. Mechanical Engineering Building (Konelafka)
5. Maarintalo
6. Library aka Harald Herlin Learning Center
7. AYY central office aka Keto
8. Dipoli
9. TF, aka Täffä
10. OK20
11. Otahalli and Unisport
12. Ossinkulma.
13. Servin mökki aka Smökki
14. Rantasauna aka Rantsu
15. YTHS (Finnish Student Health Service)
16. Väre & A Bloc. Here you will find grocery stores and the metro station.
17. Polyteekkari museum



*How cool to get you in the Guild of Physics, and as a part of the Aalto community!
We can't wait to see you! Let's rock this year!*

- Tuomas, Eki, Pinja ja Henri

Remember!

- Join our Fuksi Group
facebook.com/FKfuksit20
- Install Telegram on your phone and our fuksi group
t.me/FKfuksit20
- Sign up for head start on Friday 21.8.2020 with the QR code on the right



IT IS VERY IMPORTANT THAT YOU JOIN THE TELEGRAM GROUP ASAP! We will update the latest information on the orientation week over there. There will be changes due to the COVID-19 situation.

ENJOY THE SUMMER!



**SO DO YOUR
CAPTAINS.**