# study association G.E.W.J.S

## SUPREMUM

VOL 56 Nº 0





## EDITORIAL

A fter a year of celebrating our 55th birthday as a magazine, it is now time to move on to the next year. This is another year full of celebrations for the association, since there are three fraternities that are having their lustrum this year!

#### EDITOR IN CHIEF Leon Vreling

As we delve into a new year, and a new Supremum volume, the road ahead is filled with challenges, obstacles, and unknowns. These unknowns offer infinite opportunities of growth. on many different levels. Growth can happen on a personal level, but also as a group or committee, or within the society as a whole.

Growth often means improvement, but no improvement can happen without change. Changing your old ways, to make room for newer habits and methods. Life itself only consists of two certainties that never change; the fact that (almost) everything is uncertain, and that there will be three editions of the Supremum in a year, albeit a bit delayed.

In this Supremum, you can read all about the logo of the 42nd Board, how the study trip to South Korea was from a professor's side, and some special articles from GEPWNAGE to celebrate their 15th birthday. Make sure to also keep an eye out for some articles by the Supremum committee members, for instance about existential crises, and a colourful betrayal.

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## CHAIR'S NOTE

O nce upon a time, I was a timid 18-year-old girl from Croatia who decided the next step in my life would be pursuing studies abroad. You often hear how funny it is to pack your whole life in only 3 suitcases, but you only get to feel it once you do it. I kept telling myself: "It's not going to be that hard to move away, it is for my future." This journey shaped me in ways I could never have imagined.

#### TEXT Lora Šimić

My father joined me on my first visit to Eindhoven only 5 days before the start of lectures. This provided a sense of comfort amongst the foreign surroundings. At that point, I didn't recognize how lucky I was - many others did it completely alone. We settled in, completed the registration process, started to adapt to new language and even bought a bike for only 30 euros which is still complete and driving perfectly today. After all these tasks, the day came when my father had to say goodbye to me, and my student days started.

At the moment I closed the front door of my apartment after waving goodbye to a city bus, I was alone. It was the first time in my life that I sat in a room, knowing that no one would be coming back home. The entire concept of having to take care of myself was still developing in my head. Although it was my choice, I felt like I jumped in the water not knowing how to swim. I also knew that this was a path I had chosen willingly, motivated by the goal of achieving a better education and a brighter future. I wanted to make myself proud of my achievements and who I am.

Everything I encountered was new and unfamiliar, and that, in itself, was intimidating. When you know what to expect, you can lean on those expectations and reassure yourself that you will find a solid ground ahead of you. But with the unknown, there is no set roadmap, and you must trust yourself. You have all these questions in your head, and all these backup plans, all to make sure you are prepared. Sometimes, I was told, I was overthinking and worrying too much, but making sure I had answers to my questions was

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both confusing (since how can you answer your own questions) and challenging.

Each new experience, no matter how intimidating, became a lesson in itself. I had to learn to trust my instincts, to find strength in my own decisions, and to rely on my resilience. I come from a country and people for which life is an everyday struggle. My parents saw our country fight for independence and taught me to find strength in hard times and have a strong fist when needed. I am extremely proud of all the characterises that I carry in my Croatian genes as they make us unique. It may not always seem like that, but if there were people before me who survived, I can as well. It is hard when you know that you are strong, but cannot seem to find this strength. But it was precisely these challenges that began shaping my character and reminding me where I come from.

As time passed, I discovered that the unknown wasn't my enemy; it was my greatest teacher. It could either lead to achievements beyond my imagination, or serve as a valuable learning experience.

My story reminds me that when I dare to embrace the unknown, I can discover my inner strength, resilience, and boundless possibilities in life. I hope that my journey can also inspire other international students to step out of their comfort zones and to not be afraid to embrace the hard journey of studying abroad. So, dare to embark on your journey into the unknown - for in doing so, you may just uncover something new within yourself.

## **EDUCATION FIRST**

W hile most students might not have heard, there has been a significant revamp of the Bachelor College starting with this year's first-year students. This September marked the launch of the new Bachelor College 2.0, bringing changes for first-year and older students.

TEXT Jort van Driel

#### WHAT IS THE BACHELOR COLLEGE?

Let's start with an introduction to what the Bachelor College is and what it should mean to you. Since 2010, there has been a central College organizing aspects of your Bachelor program that are shared between all programs. For example, your USE learning line and professional skills are part of this College, and the fact that you have to take mandatory courses like Calculus and Applied Natural Sciences for your Bachelor program. Furthermore, this system allows the university to ensure that your Program and Exam Regulations are standardized and comparable for all programs.

#### WHAT HAS CHANGED?

Now, with that in mind, what has changed from Bachelor College 1.0 to make it deserve the 2.0 title? Firstly, Applied Natural Sciences is no longer an obligatory course. The USE learning line has received a revamp to consist of only two courses, and has been renamed to ITEC (Impact of Technology). Attaining your professional skills has been moved into a new course called SCOP/e. There are more Challenge Based Learning courses, and in general, both programs have been thoroughly changed by adding new courses or updating and renaming others. For Computer Science students, there will be both a Software Engineering Project and a Bachelor End Project. There are also some smaller regulation and organization changes. So, as you might understand, there are many changes for this new generation of students.

#### CAN I STILL TAKE MY OLD COURSES?

While the previous section might only be for students who started at the university from 2023 onwards, for older students, there are also changes in how they can retake their courses that now fall outside of both the Bachelor College 1.0 and the newer 2.0 version. During the development of the new Bachelor College, there was no easy solution for helping students who fell within this specific category. That's why, for every course, there is an amount of transition arrangements that might apply. Either you retake the course by only taking the exam, you can follow a similar new course, or you can do a different course. Make sure to ask the Academic Advisors if you have any questions about taking old courses.

#### CAN I GIVE FEEDBACK?

When you feel stuck in this new system or if you have any feedback on how the Bachelor College 2.0 can be improved, you can always contact both the Academic Advisors and me. If you are taking one of the new courses (or one of the older ones) and would like to give feedback, you can join a Round Table Discussion every quartile. I am here to help you improve your courses, and to make an impact on the quality of education you and your peers experience.





## UNKNOWN, UNLOVED?

n the Netherlands, we have an expression dating back to the Middle Ages: "onbekend maakt onbemind". It loosely translates to the title of this piece. In other words, it states that you cannot love what you don't know. We have other expressions with a similar meaning, such as "wat de boer niet kent, dat eet hij niet"; what the farmer doesn't know, he doesn't eat.

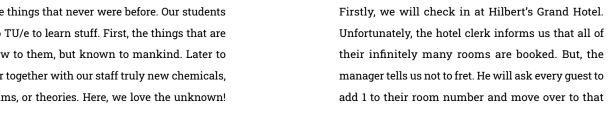
#### TEXT Robert van der Drift - Managing Director

Perhaps these expressions are a sign of those times. People did not have the means to travel far, and churches and notables may have warned them of dangers from beyond the town limits. Luckily for us, things changed: a Golden Age emerged. 'It was a unique era of political, economic, and cultural greatness during which the little nation on the North Sea ranked among the most powerful and influential in Europe and the world.' This is a quote from Britannica.com, the Dutch would never say this about themselves... You can very much dispute if this so-called Golden Age is experienced the same way by the people that we encountered, but in the context of this text, I'll just focus on the 'unknown, unloved' angle. It looks like the Dutch started to love the unknown food. Today's city centers host a myriad of restaurants from all over the world. So, I quess the farmers started to eat what they previously did not know. Yet, still today we have an actual TV show where chefs from around the globe try to have farmers eat their food.

Also in other aspects, the Dutch started to love the unknown. We explored the seven seas, naming a few places along the way (Rhode Island and New Zealand to mention two). We also welcomed the unknown in our own country. We became at one point in time a safe haven for academics who were persecuted in France, for example. One of our renowned authors, Multatuli, also mentioned the expression in his Ideas. He stated that '...[t]he opposite happens at least as often. Many are attracted by the unknown and are averse to the simple, the familiar'. Universities are places that embrace the unknown. In fact, all our research aims to shed light on the unknown, to create things that never were before. Our students come to TU/e to learn stuff. First, the things that are only new to them, but known to mankind. Later to discover together with our staff truly new chemicals, algorithms, or theories. Here, we love the unknown! Dutch universities are so successful because of our international staff and students. Diversity matters. The unknown enriches. In a melting pot of different cultures, different knowledge, and different perspectives, great things come about. None of this would have happened if we had stuck to the 'unknown, unloved' paradigm.

Unfortunately, recently we saw a new tendency. Some politicians start to question immigration, they want to oblige universities to teach in Dutch, and they preach that non-western countries are dangerous. We would, in my view, be moving back to the times when the above-mentioned expressions were created. We now call those times the Dark Ages. Surely, I agree with yet another Dutch expression: "overal waar te voor staat is niet goed" (everything with 'too' added is not good). However, that is not (nearly) where we are today. Hopefully, the national elections brought some outward-looking perspectives.

*This article was written before the Dutch elections took place* 



their infinitely many rooms are booked. But, the manager tells us not to fret. He will ask every guest to add 1 to their room number and move over to that room. Now, we can sleep in room 1. As we are walking into our room, we notice a bus with infinitely many tourists arriving at the hotel. The manager still does not worry, he asks every guest to multiply their room number by 2 and move over to that room. Now, all odd rooms, which is a countably infinite number, are available for the new guests. You can even fit an infinite amount of busses with infinite amounts of guests! However, this is more mathematically involved. This example shows us that some infinities are bigger than others, which is a counterintuitive property.

WITH HILBERT

personally find interesting.

Juul Peters

TEXT

## " ... some infinities are bigger than others ... "

Of course, infinity is not just something we can think about and then feel smart, but it is present in many other topics, as for example art! To find it, you don't have to look far, as we have the Dutch mastermind Maurits Cornelis Escher, who was a master of illusion and paradox. His works often depicted impossible structures and infinite patterns, where he pushed the boundaries of visual art by exploring concepts of infinity.

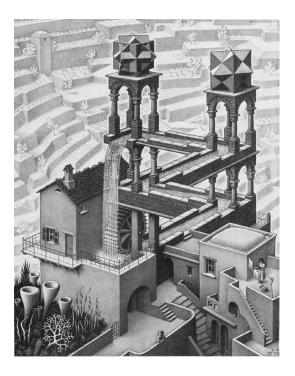


## HOTEL? TRIVAGO! OR TRY

et us dive deep into the unknown and delve into the world of infinities, a mindboggling, ever-enigmatic notion that has puzzled our great minds for many centuries, even the ancient Greeks. As infinity is a complex subject with many interesting instances, this article will only scratch the surface of some concepts I

> Another interesting infinite pattern, or actually the exact opposite of it, is a Penrose tiling. A Penrose tiling is an example of an aperiodic tiling, where a set of shapes can fill an infinitely large plane without ever repeating itself. Recently, a so-called "einstein tile" has been discovered, namely "The Hat", which can fill the plane with only 1 shape.

> Unfortunately we could only scratch the surface here, but if you are interested in this then I would highly recommend the book "Het boek der oneindigheid" by Antonia Lamua, or just google about it.





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**Pieter W**.: "Ja, twee bachelors was af en toe wel huilen."

**Frederik O**.: "Ik heb ook gehuild de afgelopen jaren, maar dat was omdat ik hoofdpijn had."

Roy K.: "Het was een borrel volgens het boekje!" Samuel: "Jij bent op water gezet" Roy K.: "Ja, klopt."

Samuel: "..."

**Roy K**.: "Een ding weet je zeker: als de BAC-voorzitter op water is gezet en het is nog geen laatste ronde, dan komt die vrij snel."

Samuel: "Soms krijg ik ook fysieke tickets, namelijk mensen die bij me klagen."

Ollie: "Dat heet een gesprek Samuel"

**Gijs de M**.: "De applicatie is al helemaal af, volledig dockerized. Je hoeft alleen de code nog maar te schrijven."

Samuel: "..."

**Gijs de M**.: "Je zou hem al wel kunnen gebruiken, mits je authenticatie niet belangrijk vindt."

**Lora**: "I thought Randstad was the thing Ronnie spins at the borrel..."

Michiel K.: "Sako? Dat is zo'n Japans drankje?"

Rink: "Hoeveel rolcontainers zijn het?" Martijn van de Klok: "Ja, geen idee, het zijn er te veel om te tellen."

Lieke: "dat spel je k, a, lange f .."

Lotte: "Dat is wiskundig gezien een foute mening."

Bartjan H.: "Je hebt niet helemaal door dat je dronken wordt, omdat het donker is." Robin v. D. while he's laying in bed at the FLUP. Robin v. D.: "I am BHV'ing!!"

Willem: "Slikken is moeilijk in deze positie."

Hiske: "Is GEWIS altijd met dubbel W?"

**Jelte de K**.: "Ik heb vandaag al veel complimenten gekregen over mn worst"

Sanne: "Ik vind mijn kikkers ook altijd het lekkerst met bankpluis."

Sanne de W.: "Hoezo is Bartjan op zaterdagochtend sexuele voorlichting aan het geven." Bartjan H.: "Het is voor Daan" Sanne de W.: "Ah, dan is het nodig ja."

**Ollie**: "Mijn broek is minder belangrijk dan het Grolsch logo"

Robin v. D. hoort Mystery Repeats
Robin v. D.: "JOOWW!! Het Karwei muziekje?!"

**Ollie**: "Ik zit er over te denken om een rolbar op m'n scheen te tatoeëren."

Samuel: "Ik moet nog een offerte aan m'n fietsenmaker vragen." Lucy: "Is jouw fietsenmaker niet zwart?"

Ollie: "Internal Server error :(" Lucas: "In-TERN!"

Bartjan, niet sprekende over Lieke: "Sommige leden van ATHENA zijn niet bepaald onschuldig"

Wietske d. B.: "Lighting, is dat een woord?"

**Dylan die een snap van Kari bij the Colosseum ziet:** "Dat is in Rome toch?" Kim: "Inge die zich incapabel voelt? Wat moet er dan van de rest van ons."

Daan V. while making homework for 2ILCO -Algorithms Daan V.: "I feel like I am about to encounter an algorithm..."

**Jeffrey M**.: "Omgekeerde borrel, gaat Ali nu goed tappen?"

Rink P: "Wiens laptop is dit, is een eerstejaars toch?" Samuel: "..." Rink P: "Oh het is die van Sven."

Max O.: "Rink sinds wanneer heb jij ineens humor?"

*Bartjan H. probeert een printer-server te configureren* 

Wietske d. B.: "Wat? Jullie hebben het niet over dat spel?"

Kostek: "Jeroen heb je al een foto gemaakt voor je cv?" Samuel: "..."

*Jeroen leaves the call* **Samuel**: "..."

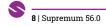
*Max O. maakt een slechte grap. Niemand lacht. Hij legt een schouder.* **Max O.**: "Hij is wel leuk toch? (...) toch?"

Aimee schenkt een blik Monster energy in een glas Noël van de V.: "Waarom doe je dat?" Aimee S.: "Als ik het in een glas doe, ziet het er gezonder uit. Dit lijkt gewoon vruchtensap."

Juul: "Het beste medicijn is gewoon meer alcohol."

Leon: "Board, I want to give my opinion!" Lora: "It doesn't matter."

**Dylan**: "Maar wel met een pompje, want ik ga er niet de hele tijd aan zuigen."



Benne (lecturer) during lecture Number Theory: "there are three types of trivial: too lazy to prove it, it is homework, or I forgot the proof."

Leon V.: "Maar Bartjan, wat als ik nou voor een zeilweekend met accomodatie ben maar tegen een zeilweekend met kamperen?" Samuel: "..." Leon V.: "Eehh, nee! 'vo kamperen!"

Leon V. in Hubble: "Dus die loempia's zijn niet voor ons?" Bartjan H: "Dat zijn frietjes"

**Daan V**: "Daarom zoek je werk, dan kun je meer drinken."

Lucas: "En als je dan ook nog een halve banaan in je keel hebt zitten dan schiet het ook niet op."

Jelte de K.: "Donderdagmiddag is gewoon weekend."

Lotte en Martijn kijken naar de rouwberichten in de krant.

Lotte: "Ik kan niet wachten tot jouw naam hier staat!"

*Inge S. over de naam van een nieuwe FYC* **Inge S**.: "Er zit een bug in de naam!"

**Ciska**: "Ik heb nooit gezegd dat ik mensenvlees niet lekker vind"

RJ: "Back to your cage"

Lora S. to Bartjan H.: "How about you become our kandie?"

*Wietske after having a sip of a cappuccino* **Wietske d. B**.: "\$%@!... I like coffee"

BJ: "I love kleuters! I am one myself"





### INTRO WEEK AND FLUP

J ust like any other start of the year, some events were hosted, many friends were made and a few unforgettable things have happened. Most importantly, the Introduction week and the FLUP (Introduction Follow Up Weekend) allowed for some adventures to take place.

TEXT Ruben Bruins, Daan Sauer

### INTRODUCTION WEEK

The Introduction week was full of games, parties, beers and a crazy 88. I didn't have my own place to sleep, but I slept in the living room of a student house in Eindhoven. At the start of the week, the introduction groups were formed and tons of games were played. This is when many students met, as did Daan and I. Daan and I were in the same intro group, with Sanne and Joost as our parents. Later that day, Gewis organized a delicious barbecue where Daan and I agreed on going to the FLUP.

The chaos began on Wednesday during the culture festival. After a light lunch, Daan and I had some drinks with Sanne and Joost and we had enough time for some crazy 88 challenges, including a swim in de Dommel. As one might guess, I felt sick afterwards. My late dinner made me feel better and we went back to the culture festival. When I got back to the student house, longing for some rest, I learned that there was a party starting at 2:00 AM at the place. Luckily, the beer was free for first-years, so I couldn't complain. I slept a total of three hours that night, which didn't make my Thursday any easier. Thursday was the day we had been waiting for. Or, as the Dutch might call it, Thursday was "Doorhaal donderdag". For the first years, the day started with some workshops, at which people could experiment with new sports or, as I did, do something silly like making sandwiches to try and lessen their hangover. The pub crawl started in the evening, and would continue until sunrise. De Regenboog, Spijker, 't Lempke, Witte Gij 'T, and many more; We visited a ton of pubs. At some point, we left and continued the party at and near Hubble.

Everyone sobered up a bit and a both needed and deserved breakfast of sausages was prepared by GEWIS, after which the final game could get started. The valuta earned throughout the week would finally come to use during this activity, as one could trade their way to victory. However, we were too tired to pay attention, let alone participate. As many others did, we went home before the final festival and got some longawaited rest.

### FLUP

The FLUP was a weekend full of surprises and nice games to get to know your fellow students at the study association. It started with the biggest surprise of them all: the pub crawl and the mystery location. Beforehand, we had to hand in our camping stuff at GEWIS to see it again in a location unknown to all of the not-board members, deep in the night. This meant, for most (also for me), to leave in good faith with a just-made group and hope for the best. I was in a group with Ruben and one of my intro parents: Sanne. And so we left at 5 p.m. on our bike. First, we biked around nearby villages of Eindhoven to visit a few pubs. It was pleasant to talk to the people from my group while cycling, because I got to know them. After this, we went to a forest close by where we were "dropped": The bikes were taken, and everyone continued on foot

I found the trip through the woods a little bit peculiar. The first stop was round a campfire with a few older GEWIS members. They gave us a task to find two bottles of Apfelkorn in the bushes after which we had to drink it before the next stop. A long path and many instructions followed until we got to the following stop: a meeting with the board. We all sat in a circle with notes and discussed some VERY important businesses. After a meaningful meeting in the dark woods at night, we finally arrived at the location at half past five... It was an large barn with a big grass field behind it that was already filled with a lot of tents, because we were the very last group. Ruben, Sjoerd and I set up our 2-person tent for the three of us (which was very cozy) and we were woken up only three hours later.

The Saturday afternoon was filled with fun games to play with other GEWIS members and to get acquainted with the associations in GEWIS. For example, I played some volleyball and baseball with swimming pools as bases. Some guys (including me) let their competitive side get the upper hand which made it interesting to play. In the evening, there was a beer cantus on the agenda. Every student sang with all their heart for the whole evening while the BAC was filling everyone's plastic cup using a watering can. Koen and I sat at the "escalation table" as one of the few sjaarzen (first years) and this was a very interesting experience...

Then the last day suddenly arrived, and it was time for the "Big Cleaning". Most students stood up with a small hangover to start cleaning and clearing up their tent. That was already the end of the FLUP. From this weekend I kept a lot of new friends and I didn't have a single regret that I went.

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SAVING

FAIRYTALF

FOREST

## BLACK, WHITE, RED

**B** lack, white and red. There is something about this colour palette which has always spoken to me. Flowy, long black hair, pale white skin and cherry red lips. A beautiful sight to behold. The presence of all colours, the absence of any colour and bright red accents. A combination which looks striking on anyone.

#### TEXT Lotte Lakeman

Initially, I did not notice her presence. With the lack of red, all that is left is just blacks and whites. These colours surround us, they can be seen everywhere. She was also just that, black and white. Insignificant. Location did not matter, anywhere she would go, she would simply blend in. It was not until she reached for me, I finally noticed her.

I knew exactly what she wanted from me, as she attempted to reach inwards. How daring, doing so right before my very eyes. Bewildered by her courage, reacting and fleeing slipped my mind. I allowed her in. God, why did I allow her in?

After she was done, playing her seemingly innocent game, she left me alone for some time. With no care for the state she had previously left me in, she would return when she seemed fit. It was unfair how little she took my role in all of this into consideration. Had I not made a dumb exception for her, allowed her a piece of me others had been denied?

This game went on for too long. She would return, use me, make her presence known, only to desert me once more. Without

fail,

I would at this point chase her, searching for her throughout the night, but she was a master at hiding. After all, she was still just that, black and white, but she now carried a bright red inside her. A red which belonged to me. I was the rightful owner of that red, without me she was just black and white. Nothing special.

Normally, I would not do this. I am not a bad person, truly. Many like her had come before, and I let them go. I am a good person. However, she... She kept begging and nagging me. I had asked her to stop, pleaded even, but she insisted on not leaving me alone. What other choice did I have?

Forcefully I reached out and slammed her body against the wall. There she was, black, white... and red. How striking... It looked *so* good on her.

Her body stuck to the wall, surrounded by blood. It was a sight I had seen others commit before, but this time it was my doing. In a moment of ruthlessness, I had ended the life of another being. But she was not innocent either, my body would be itchy for some time to come.

A lifeless body stuck to my wall... and my blood covering the wall around it. Her body, but *my* blood.

## ONE MUST IMAGINE

The light has finally shut off. The curtains are closed and it is pitch black. After a slow and tormenting wait in the light, it is time to come alive. I can smell him from under the bedsheets. I see his eyes slowly closing while his head rests on his pillow. I can feel his body warmth ready to embrace me.

TEXT Arend Roijakkers

My wings start to flutter intensely as I take off from the crevice in the corner. The air embraces me once more while I slowly creep closer to his arm, ready to feast. I already feel his veins open up to me for his sweet sweet blood to course through mine. However, my dream is broken as I feel his eyes suddenly lock onto me. I have awoken him. Faster than I could imagine I feel him coming closer, a hand entrapping me with the wall.

It is at this point that one starts to question their choices. Could I have approached this better? So often have I tapped his life to sustain mine, every time returning to my wee crevice after. But why? Why is it that my life must only consist of parasiting off of others? And most of all; why can all of this be ended in just the blink of an eye. How, why, in what wicked way could this ever make sense?

What is my purpose in life if this is the only thing I can ever do? Why is it that all attempts to give meaning to this life, to step out of the boundaries of survival, have led to absolutely nothing. I must have some purpose here, right?

It's just absurd, isn't it? I spend my life doing nothing, feeding off of others and then waiting for absolutely nothing new to happen? I have tried to find purpose. Science won't explain how the world works. I can convince myself that God gives me purpose, but he has never reached out to me. Everything I try simply gives me nothing. It is truly meaningless then, isn't it. Should I just stop moving and get smothered between this hand and the wall, squishing me to a flatter disc than the Earth could ever be?

No, no, it can't be. You know, if the world is truly absurd and meaningless, then so be it. I won't be defined by that. The cycle of feeding and waiting is absurd, and truly eventually futile. I might even die right now. And you know what, that's fine. It's all fine. I might as well enjoy it. I might as well enjoy the fact that nothing has meaning, life is futile, and nothing will ever matter at all. Look at me, reader. I am but a humble mosquito, ready to either die or live or whatever might be in between. And I am damn happy with it. One must simply imagine this mosquito happy.

Invigorated, I try to fly away. My zoom now fills the room as I fly directly upwards. I might make it, I might actually liv-

A lifeless body stuck to his wall... and his blood covering the wall around it. My body, but *his* blood.





Job: "dan doe je er dus zo'n blokje in wat echt hoeren veel zout bevat"

Robin v. D.: "Dit kan je zo makkelijk cheaten" Aimee S.: "Boeie, we zijn op Fontys."

**Ollie**: "Kan je even opzoeken welke datum 1 maart is?"

**Tim H over het Wilhelmus tijdens een Cantus**: "Ik heb bij het eerste couplet altijd al m'n codex nodig want dan ben ik dronken"

Hiske K.: "Jezus die Lolly!"

**Tessa V. (feut van Défi**): "Het thema 'Explore Your Space' klinkt een beetje als een omgebouwde Défi leus"

Bartjan H: "Wat we dus met nichtjes en zusjes doen..."

Arend R.: "Dus B.O.O.M. is wel een erkend corps"

**Daan V**.: "Mijn alcoholisme vond de virgin mocktails echt heel fijn!"

Tessa V: "Voelen dit niet als hele rare spetters?"

**Rick**: "Heb je dat kotsfilmpje al gezien? Hij is echt leuk."

**Vinz**: "Ik ben niet een groot fan van vaccins, maar ik heb wel een magnetron."

Jelte: "Is Polen een Republiek?" Tessa: "Ja, ze hebben een koning."

Robin van D.: "Ik was niet aan het gaslighten, ik was aan het mansplainen." **Maiko**: "Ik denk dat je wel houdt van geslagen worden tijdens sex als je werkt aan SudoSOS"

**Ruben W**: "Als je in de auto een bocht afsnijdt is dat wel snel maar het is niet helemaal optimaal"

Lieke J. uren nadat ze een pakje worst in de koelkast heeft gelegd Lieke J.: "Ik bedenk me nu dat ik ben vergeten m'n naam op m'n worst te zetten."

Robin: "Ik ga een esma bestellen." Tessa: "Nee, jij bent geen esma meid!"

Samuel: "Neem-je-scharrel-mee-naar-werk-dag"

Hannah E. en Ruben W. zitten in Multivers Ruben W.: "Ik mag het niet aanpassen…" Hannah E.: "Ja maar Multivers zegt: 'Eet Kaas!""

Tessa: "Ik wil niet als eerst naar het drielandenpunt met Nederland, Limburg en België." Jelte: "Hoor je niet een fout aan die zin?" Tessa: "O, ik bedoel Luxemburg."

*Tessa laat een boer* **Robin**:'Dit is de meest hypocriete uitspraak die je ooit gedaan hebt."

Jasper over Anouk: "zij is een zeven."

Alex van de P: "Als de skere traploper dat je bent" Samuel O.: "Volgensmij bedoel je klaploper" Alex van de P: "Ohja"

Alex: "He is dat niet onze bus?" Iedereen: "Alex, dat is een tram!"

Janne: "ROC, wat is dat? Het Rotterdamse studentencorps?"

Daan: "Als hij erbij kan, is de wereld krom en bananen paars!" Robin: "Nou ja, dan is vooral dat hij het BAC wachtwoord weet."

Robin: "Maar Samuel doet niet zo veel voor de ABC"

**Daan V**: "Ze noemen me ook wel Daan 'Ben snel klaar' V."

\*Rink over een bestuur met zeven Rink's\* Rink P: "Over het algemeen worden dictaturen goed bestuurd."

Alexandra: "Ik wil niet meer drinken." \*3 seconden later\* Alexandra tegen Thijs: "Nee, jij haalt pils voor mij!"

**Thijs**: "Verzekeringsfraude is gewoon een gat in de markt."

**Daan**: "Die incel van een gast, de enige cellen die hij heeft zijn sperma cellen"

Kosteks vader: "Zie je? Een vrolijke Kostek is een ramp."

*Er staan 80's hits op in GEWIS* **JW**: "Jullie zijn echt dement, man…"

Daan V.: "I haven't eaten anything today. Except a tin of Tuna!" Daan V.: "I feel like a cat!"

**Dhr. Verkade**: "Vorig jaar was echt een heel leuke avond! Schepens heeft toen in zijn vinger gesneden."

Daan V.: "Auww. My head is hurting, in my head."

Lieke: "Vind jij die cheesecake ook zo lichtgeven?" Sanne: "Ja er staat een lamp op"

Lieke tegen Sanne: "Ik zou niet daar je tong in steken."

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Sanne: "ik ben niet een persoon die iemand met liefde behandeld"

Samuel: "weetje, als je dan gay wordt, doe het dan goed"

**Wietske**: "Gaan we de ALV crashen als in partycrashen, of als in vliegtuig-crashen?"

**Roy K**.: "Als we bij GEWIS moeilijk doen om 9 euro, schrijf ik me uit!"

Robin: "Eigenlijk kun je best wel veel nadenken over knieën."

**Robin**: "Ruben, mag ik een declaratie indienen voor een nieuw linkerbeen?"

Hannah: "Nee, gaat niet werken, werkte ook niet bij de CIC"

Lotte: "Als de activiteit voeten en gras is, ben ik bij!"

Aimee: "Oh er zit een libelle op de kabel van de speaker." Roy: "Is de AViCo buitenset nu ook een Disney princes?"

Iemand: "Waar denk je aan bij rood?" Leon: "SEKS!!.. GEWIS! Op die volgorde."

Noël: "Maar dat is niet alleen omdat ik hetero ben" Stijn: "Dat heeft er niks mee te maken of je iets in je kont wil hebben!"

Daan V. heeft een lichte kater. Bartjan H.: "Daan! Je zou zo bij de CIC kunnen! Je stem schreeuw corps"

**Aimee**: "I was thinking, should I do the string in my pants?"

Jelte: "Ik zou Rink ook om consent vragen"



## BUT WHAT ACTUALLY */S* OUT THERE?

W hen talking about space, people often mention distant stars, supernovae, or black holes. These are all things that we have pictures of. We know they exist; we've seen them. What I personally find more interesting, is about what we don't know. You might have heard about dark matter, or dark energy, and the theory of their existence, but we actually don't know what they are.

TEXT Lucas Muller

### DARK MATTER

Both dark matter and dark energy are theorized to exist to explain unexpected behavior of large celestial structures. Astronomists observe this behavior by looking at the light that reaches us after (millions of) years of traveling through space. The amount of light strongly corresponds to the amount of mass, which dictates how, for example, a galaxy rotates. When observing galaxies, they saw way faster movement further away from the galaxy center than what was to be expected for the amount of mass their equipment could detect.

Now there are two possibilities that can explain their observations. Either, the widely accepted Newtonian laws of gravity and the general relativity theory model as published by Albert Einstein are wrong, or there is something there, but we simply cannot see it. Since Einstein's model is so good at predicting movement on a slightly smaller scale, the idea of "something else" is by far the most widely accepted theory.

The question of what this "something" is, is far from answered. This is not that surprising, since this type of matter is completely invisible. It emits no light at all, which means that any of our sensors, even the most sensitive, cannot detect it. This is why this type of matter has been dubbed "dark matter." As of now there are a few theories of what dark matter could be. A popular contender is the interestingly called WIMPs, which stands for Weakly Interacting Massive Particles. As the name suggests, such particles would be incredibly dense for their size, but only weakly interact with what we consider to be normal matter.

There are funkier proposals out there, for example that there is a huge amount of tiny black holes moving around through galaxies. Not large enough to suck up so much matter to create an accretion disk, which would produce light, but heavy enough to make up for the missing matter. As of now, we only have proof for the existence of dark matter, but no evidence of the matter itself.

### DARK ENERGY

For dark energy we have to scale up once more, and look at how galaxies move towards and away from each other, and us. After the big bang, the universe rapidly expanded. This allowed it to change from a hot, dense, plasma-filled primordial soup, to a cooler environment. One where matter could take on other phases, like solid or gas. Now, nearly fourteen billion years after the beginning of everything, we live in a universe consisting of large and heavy structures, like galaxy clusters. For a long time, the expansion of the universe was slowing down, which is exactly what you would expect with the amount of mass; gravity pulls mass together. This is why previously; the most popular theorized fate of the universe was one called the "big crunch." This is the theory where, due to gravity, the expansion of the universe would at some point stop, revert, and then the universe would start to shrink.

But again, our expectations were proven wrong, when comparing how fast some galaxies are moving away from us now, versus some decades ago. We can measure how fast galaxies are moving away by, again, looking at the light that reaches us. Galaxies that are moving towards us look bluer, because the wavelengths of light get "squished" due to their movement in our direction. When galaxies move away from us, they appear to be redder, since the wavelengths are stretched.

To paint a, hopefully, more relatable picture, think about an ambulance racing past you. When it approaches you, the sirens sound higher pitched (shorter sound waves), and when it moves away, they sound lower (longer sound waves). This is called the doppler effect, and it also happens with electromagnetic waves; light.

Once we realized that most galaxies were not only moving away from us, but moving away increasingly fast, the "big crunch" theory fell apart. Because not only was the expansion not slowing down, the opposite was true. This again stumped astronomers. There was some kind of energy working against gravity.

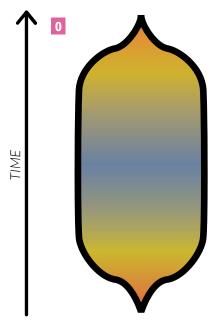
In Einstein's theory of gravity, he includes a cosmological constant. This constant explains that energy is a property of space, meaning that when there is more space, there is more energy. Once you have more energy, space would expand more rapidly, creating more energy, and more space, and so on. This seems like a good explanation, however no one understands why this cosmological constant should even be there.

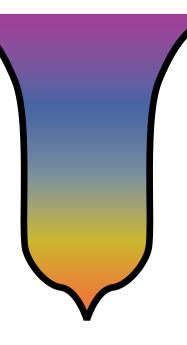


### DO WE HAVE TO KNOW?

Astronomers have been hard at work for years trying to find the answers to what dark matter and dark energy are. Yet, I personally don't really care. What I find so beautiful about space is exactly the fact that we don't know everything. That we can look up into the sky at night, see the twinkling lights, and not know all there is to know about them.

To me it is such a grounding feeling to realize we are but a small speck in the fabric of space, enveloped in a field of energy and matter, privileged enough to be able to observe a tiny sliver of everything that is out there. So next time the night sky is clear, take a moment to take it all in. Accept that we don't and probably can't know everything. If there is something you don't understand, know that you are not alone in that. Just appreciate the stars for a minute.





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Representation of the size of our universe over time. Left is the expected model, only using gravity. Right is a model based on our measurements, accounting for dark energy.



## WORK EXPERIENCE

O ctober 2022; the month I held my graduation presentation. After a little over 6 years at TU/e, it was time to dive into the unknown: life as a working person (also known as 'burgerleven' among Dutch students). In this article, let me take you on my journey towards a job, and my first year as a researcher at TNO, the Dutch organisation for applied scientific research.

#### TEXT Anne Nijsten

To start working, I of course needed a job. The process of finding one had actually started a few months earlier for me. Because I was not sure about what exactly I was looking for, and the Wervingsdagen Career Expo is a nice opportunity to ask a lot of companies questions about working there. I prepared going to that event in March by looking at websites of different companies in the Expo Guide. The courses that interested me most during my studies were in the area of cryptography and cybersecurity, so I tried to narrow my search down to companies that had vacancies in those directions, which I mostly knew from career activities organized by study associations.

During that search, I found a job opening that seemed to fit my background prefectly with a double degree in mathematics and computer science. Fast forward a few months of working on my graduation project, inquiring after the position, doing job interviews and being accepted, I agreed on starting at the end of 2022, so I would have some time off between graduating and working, to go on a much-needed vacation.

" I found a job opening that seemed to fit my background perfectly with a double degree in mathematics and computer science ,, This meant that on my first working day, I walked into building 25 on the High Tech Campus in Eindhoven, to start at TNO, an organization for applied scientific research. A mentor welcomed me to guide me through the process of working there. The first weeks were mostly about getting to know the organization, and the colleagues from my department and what topics they were working on, as well as joining one of the research projects. Over time, I joined more projects, as we work on several different ones at a time, with a variety of topics, like post-quantum cryptography, zero-knowledge proofs, fuzzing and computer-aided cryptography.

Most of my days, I spent at the office, as it is just a short commute by bike from my home. That, and my earlier experience as an emergency response officer during GEWIS activities, is why I also opted to join the emergency response team. However, as the organization has many locations throughout the Netherlands, I sometimes travel to The Hague, Utrecht or Groningen to have face-to-face working sessions with colleagues.

A nice thing about a working week with a specified number of hours is that I managed to get a better balance between work and leisure time. After having online classes and working on my graduation project at home for the last years of my studies, combined with my natural night owl habits, this also meant adjusting to a more 'normal' working schedule to be more in sync with colleagues. As a student, many a night before a deadline was spent on finishing some assignment, whereas now evenings are blocked from work. For a while, this meant scouring rental websites to find housing, which is quite a challenge in Eindhoven. Weekly sports trainings, something I haven't been able to keep up since graduating from high school, have made a return to my usual schedule.

### "You can still find me quite regularly at the university and GEWIS, as a new board member of Ada, the alumni foundation "

In the meantime, I have not yet completely left the university and GEWIS. Quite regularly, you can still find me there for graduation presentations of friends, as one of the new board members of Ada, the alumni foundation of the Mathematics & Computer Science Department, at social drinks to chat with friends, or during activities my fraternity B.O.O.M. organizes for GEWIS.



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Fast forward to October 2023, the time of writing this article. I still really like meeting new colleagues, as it is very interesting to hear about the diverse topics they are working on. Their topics are not only mathematics or computer science related, but also physics, materials cience and much more. Lastly, graduating from the university did not mean I stopped learning. In the past months, I acquired a lot of knowledge and skills on new topics, as well as ones I recognized from university courses. One of the most fun things to do is to share this knowledge with other parties that are interested. Together with colleagues, one very unexpected skill I learned was fire breathing. If you wonder how, you can ask me when you see me at the university sometime, I will probably proudly show you a video.



High Tech Campus



# **GEPWNAGE** Dispuut der s.v. GEWIS

Do you know who is who?

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6 Filomijn, 7 Sunny, 8 Mitchel, 9 Marcin, 10 Pieter Answers: I Henk, 2 Kevin, 3 Ysabella, 4 Marnik, 5 Sanne



### THE HARD **DRIVE OF GEPWNAGE**

▼ *ou as a GEWIS member see* GEPWNAGE from the outside. We promote the intersection of nerd culture and social life. We plan nerdy activities and geeky events. You join us for fun times. We all have a blast. We disappear to recharge. Rinse and repeat. But what do we do outside of these times? We will be giving you glimpse into that great unknown.

#### Suryanto Horlez, Mitchel Brunings TEXT

First and foremost, we are a group of friends. We hope we don't need to explain the concept of friends to you. While not all of us share all interests, as nerd culture is still very diverse, for any pair of our members it's not that hard to find something that they both care about. This is maybe a bit abstract. Let's make it more concrete.

Let all people be *P*. Let GEWIS members be  $G \subseteq P$ . Let GEPWNAGE be  $X \subseteq G$ . Let all topics be *T*. We define a function interested:  $P \times T \rightarrow \mathbb{R}$  s.t. interested(p, t) > 0means that p is interested in t. Now, what we were saying is  $\forall n \in X$ :  $\forall n' \in X \setminus \{n\}$ :  $\exists t \in T$ : interested $(n, t) > 0 \land$ interested(n', t) > 0. Easy, right?

We tend to prefer smaller activities that usually in some way involve games. Any kind of games: puzzles, video games, card games, board games, geocaches, etc. Of course, this is a stereotype, but on average it holds true. We don't have many internal activities with everyone. Instead, we have many sub-groups who do all kinds of stuff together. So, what are these things we do? Let's dive into a few.

Several members host their own servers. At home or through a VPS service. One of the servers we host is a Minecraft server. It used to be open to everyone, but after a recent griefing incident, we had to close it off. Now you'd need to be on the whitelist to get in. Want to play Minecraft with us? Let us know, and we'll show you around. :)

Many of us also love watching the Eurovision finales together. It's one of the few music events we can all enjoy due to the large variety of genres. But we especially love making fun of the bad songs, singers, and costumes! Usually, we even know the winner before the rest of the world, because us nerds can't help but keep track of the possible points still to be earned by candidates.

Another sub-group is the racing fans. When we go away on our yearly weekend trip, if there is a go-karting track nearby or on the route, we'll often make a pit stop. Alternatively, we may choose to play the digital variant with bananas and turtle shells. There are also several F1 fans among us, some of whom even have full-fledged racing simulator set-ups at home for when they're not watching the real deal.

Now that many of us are older, we're seeing families grow. More and more weddings and children's birthdays are celebrated. It's making our weekend-trips busier (and louder) and more difficult to plan, but it's a lot of fun to watch these kids grow up with nerds for parents! And kids are not the only pets we keep: within GEPWNAGE there are many pet-owners keeping dogs, rabbits, guinea pigs, cats, fish, rats, and the list keeps growing. We'll even have alpacas at the next LAN in March!

Not so surprising about GEPWNAGE is that a lot of our members love Pokémon. We collect plushies, cards, games, and more merch. Of course, we play Pokémon Go and (nearly) all the other games to catch 'em all. We even have members who can name the first generation in Pokédex order. This is why the borrel of our lustrum week is (or was, by the time you read this) in the theme of Pokémon.

When it comes to drinks, our members all have different tastes. Some love beer so much they brew it themselves, others prefer to stay alcohol-free. Mixdrinks are popular with us too. Our rich palette of tastes was brought into our lustrum borrel by having not one type of shot at the borrel, but a different one for each Pokémon type!

You have probably seen our table when you were at the borrel or just visiting GEWIS. This year we sanded and painted it. It took a lot of screwing as it contains more than 69 (lol) screws. We dare you to try and bras it. Soon, there will be a not-meter to replace the current meter such that people can enjoy it as a normal table to play board games on. We are not afraid to work with our hands in other ways either; some of us like to knit, sew, sculpt, and draw, being very creative in our own ways.

Music is also a great shared interest for many of our members, they either create it themselves, play in a band, just play an instrument, or love karaoke. We also play games with songs: standard quiz-style, like having to guess the song and the artist while hearing only the first part of the song, or more complex puzzles, where we guess a song that has been translated from its original language to another we all know.

These are only some of the many nerdy interests represented in GEPWNAGE. We encourage all kinds

of nerds to share their nerdiness with others. And next time you hear us call you a nerd, know that it's a compliment!

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American Pie (1999)



Mitchel : "Ik had gewoon een pac-man op zijn rug moeten tekenen."

**Tessa tegen sjaars Arend**: "Wil je dat ik mijn gevoel in je binnendring?"

Gijs: "No hanky-panky in the society"

Bartjan: "Ik zou je adviseren om te vragen om een sjaars te worden"

Lotte: "In mijn jasje en mijn dasje ga ik roeien. En anders wil ik niet"

Lotte: "Als nou de lesbische mensen iets krijgen met de heaumeaus"

Lucas M.: "Willem Alexander is echt de daddy van Nederland"

Thijs: "Dit is een gok verslaving voor kids."

Lora: "How do you spell 'fries'?" Maiko: "Fries (in Dutch)" Wietske: "Yesss fries 'vo!"

Lotte: "Ik heb echt de mind van een hentai schrijver"

Sjaars Rick: "BJ isn't drunk, he's just Belgian."

Lotte L: "Hoi, willen jullie grapefruit?" Ruben W: "Nee." Lotte L: "Groot gelijk."

Lotte L.: "Wat kan ik zeggen, ik ben gewoon een epic gamer."

**Daan**: "Wanneer je ineens allemaal mooie pikken voor je ziet." Maiko C: "Woooohoooo, waar zijn die single minderjarige vrouwen?"

Hannah v. E.: "Je moet harder aan dat ding trekken."

Hannah v. E.: "Je moet sneller op en neer gaan."

Randy: "Er is geen frietkar dit jaar." Arnoud: "Nee, want hij is online." Eline: "huh, hoe kan je online friet eten?"

Ollie: "Holy shit, deze gast is echt flink aan het zeiken, de nijl is er niks bij." Randy vanaf de WC: "Maar wel met een schuimkraag."

Jelte ATHENA Penno: "pms, dat is toch post menstruale stoornis"

Rudi during first lecture Linear Optimization about the non-official notation he uses: "This makes people cry, but you have to get used to it."

**Leon**: "Hey Joris, als jij een ingekomen stuk was, wat voor smaak zou je dan hebben?"

Bartjan noemt Wietske een troll Wietske: "Is dat Vlaams?"

**Daan V**: Over bj H: "soms moet je gewoon en beetje delen"

Ruben in the train back from a consti: "Bestuur it is warm in the train :("

Ruben still in the train back from a consti: "Bestuur it is nogsteeds very warm in the train :(((" Floris P. tijdens het leren voor een tentamen: " Ik heb DIF, "Download If Needed""

Ruben W: "Sjaars zijn is niet transitive"

Elwin: "Zegt mijn hand ook dat ik dorst heb?" Martijn: "Jouw hand zegt dat je handcreme nodig hebt."

Bartjan H.: "Sorry Ollie, we cannot kiss..." Robin v. D: "FUCK! I am leaving the CBC!"

Aimee: "Ik zou het niet helemaal op zn zweefmolen's pakken"

Aimee: "Parts of the pasta are still frozen? Thats confusing." Arend: "I put it in my freezer."

Lucas: "waarom is er een nummer 4 podium?"

Arend R. over nieuwe leden (hemzelf, Lucas, Stijn en Aimee) tijdens Supremum avondje: "blijkbaar zijn wij nu de harde kern"

Elwin to Saelia: "You should have cheated on me!"

Job: "Ik heb vandaag heel GEWIS gefixt."

Lotte L.: "Graag gedaan dat ik dislexy heb."

Bartjan steelt Sven's stoel. Sven M.: "Kut, je bent niet meer m'n feut!"

*Elwin, sjaars: "Kut sjaars"* **Theo, also sjaars**: "Yay, kut sjaars!"

Naomi: "Ik werd bij de gall en gall voor het eerst geloofd dat ik 25 ben."

**Sunny**: "Ja we zijn zo uitgeput we hebben te grote wallen onder onze ogen."

Naomi: "Ja ze zien onze loss of life in onze ogen."



Naomi: "Ik vraag me oprecht af hoe jullie daar überhaupt iets zien." Sunny: "Heel makkelijk we kijken gewoon onder de benen van de Nederlanders."

Theo: "You're not even in a single minority." Elwin: "No I'm lefthanded!"

Aimee: "Ik ga geen duvel adten maar wel twee."

Randy: "Ja dat ligt eraan, met een goeie kruiskop maar een te grote schoef kun je niets."

Leon: "Aimee ik wilde om je nummer vragen"

**Randy**: "Als wij een huis zouden bouwen om de BAC heen, dan zou het een gesticht heten"

**Wietske d. B.**: "They have a love-hate relationship without the love."

Sunny: "In kippenbouillon zit kippen botten." Leon V.: "Maar zit er dan in groentenbouillon groentenbotten?"

**De intern van het 42e bestuur**: "Ik keur niet alleen pestgedrag goed, ik doe het zelf!"

Leon vertelt een leuk feitje over het getal 62 Wietske: "Dit klinkt als iets wat mijn pake op het verjaardagskaartje voor mijn 62ste verjaardag zou schrijven"

Wietske: "Behalve dat hij dan al lang dood is"

**Chris, in een gesprek over Bartjan**: "Is zn achternaam dan emans?"

Noël: "Je kunt dit niet roken" Niels: "Niet met die instelling!!"

Willem: "Sambal is gewoon ketchup met wat stukjes."



### ASPI'S WAY OF OUTDOOR FUN

W hat do the following activities have in common: walking, streaming, camping, barbecuing, climbing, building a campfire? One answer would be that they can all be done outside. Another answer is that they are all perfect for fraternity B.O.O.M., but how do I know that? As many of you may know, the abbreviation B.O.O.M. stands for 'Buitenplezier Op Onze Manier', which is translated to English roughly as 'Outdoor Fun Our Way', but then what is B.O.O.M.'s way of having outdoor fun? As an aspiring member of B.O.O.M. I have been asked what I believe B.O.O.M. defines many times and before answering this question, let me first give you some insights into my experiences as an aspiring member.

#### TEXT Celine de Jong



I became a B.O.O.M. aspi a few months ago. I first wrote a letter expressing my interest on a bottle of Boswandeling and afterwards dressed up as a B.O.O.M. during a GEWIS borrel, where I accidentally brought a few leaves with me. Fortunately, this was forgiven and in August I received my very own Aspi shirt. However, there was of course nothing on my shirt yet and it was waiting to be designed in a way that for me it resembled the fraternity B.O.O.M..

Next to adding the beautiful B.O.O.M. logo, I decided that I wanted my shirt to resemble my way of outdoor fun. I thought about the more active activities like obstacle running and climbing and playing random sports. As these usually leave mud and grass stains, I decided to purposely add those to my brand new shirt. Next, I added some references to the less active activities I really enjoy. I gave it the real barbecue smell during the B.O.O.M. outside cinema and I was even considering pouring some beer over it, but I figured that there would be no need to do that on purpose as it would happen anyways.

I felt like my shirt successfully showed my own way of having fun outside, but not necessarily how everyone else defines their interpretation of outdoor fun. Therefore, let's take a look at the goal of B.O.O.M.: getting the computer science and mathematics students away from their computer and having them engage in outdoor activities. The B.O.O.M. activities organized for GEWIS also show that they do this in many ways:

B.O.O.M. Active Weekend including a dropping, camping, barbecuing, building a campfire and of course streaming. For those unaware of streaming, you are really missing out on something, who doesn't want to enjoy their beer while sitting in a running river!

» Outside borrels and cinema. Okay, maybe not very active, but it is outside!

» Climbing, canoeing, Arrow Tag, NS hikes, geocaching, etc.

Next to the GEWIS activities, I also got to experience B.O.O.M.'s internal activities and gatherings. Believe it or not, some of these are even inside, think about a nice evening at someone's house or B.O.O.M.'s presence on borrels where you have probably seen and undoubtedly heard B.O.O.M.. Of course, some internal activities are outside, for example enjoying the amazing barbecue skills of B.O.O.M. members. I hope I have given some nice insights into my experiences as an aspiring member of B.O.O.M., as well as exploring in what way B.O.O.M. encourages GEWIS to also have 'Outdoor Fun Their Way'. Cheers to many more years of Buitenplezier Op Onze Manier!

# EXPLORING THE UNKNOWN AS ASPII

A t the first activity I attended from GEPWNAGE, I was asked if I would like to attend a meeting. During that time, I was looking to become more involved in a community on campus, so I was interested in learning more about GEPWNAGE. In the journey that followed, I found a new group of friends and explored what "the unknown" is for me.

TEXT Marnik den Ouden

The uncertainty of the unknown can be discomforting, as it would be evolutionarily wise to experience unfamiliar situations cautiously. However, I would argue that this is not the only thing the unknown does or can provide. Making a commitment to pursue something in the unknown can be very valuable, as it has been for me.

To start, my decision to become an ASPII was not a complete step in the dark, as is the case for many of my choices. I, like most people, can often predict the direct results of our decisions, but not all consequences are easily known. The opportunities that follow from a choice, such as deciding to become an ASPII, are hard to predict. Therefore, I think it is important to also consider that a choice affects the position for future choices. This is also why I am happy with GEPWNAGE, as it is a great group to be taking my next steps with.

While being an ASPII, I have already had multiple opportunities to learn and improve my skills. For me, it has been really useful to engage with unfamiliar challenges within the safe environment that GEPWNAGE helps to create. For example, by leading an activity without preparation. It is similar to how games can teach us skills, like problem solving, gained by playing with puzzles without external pressure to perform. Not only does this new knowledge and these skills help me, it also expands my horizon of the

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unknown with insights into things I can learn, such as discovering that I can learn specific public speaking techniques. This new-found horizon can both be exciting and daunting in the same way as discovering a new puzzle is.

In one opportunity as an ASPII, I pursued to discover the unknown limits of my abilities for creating and organizing an internal activity, which is a safe goal to miserably fail at. So, together with my fellow ASPII's, we had a fun time organizing a unique activity for GEPWNAGE. I practiced balancing my ambition with realistic constraints, while still enjoying the designing and creating of the activity. The activity ended up being a wacky Pac-Man styled geocache competition, which was apparently so fun that it even inspired a lustrum activity for this year!

Q7:

A7:5

I currently don't know what will come next on my GEPWNAGE journey. The possibility for currently unknown projects, people and experiences excites me and I would like to encourage others to discover and challenge the unknown. So, even though it sounds frightening, the unknown is also a great frontier to learn and discover the opportunities to come.

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## **IN THE SPOTLIGHT**

**S** ome of you have probably seen me around 't Dakterras already since last year, either having a drink and a chat at the bar, drafting beer behind the bar or just studying. But as even members of the BAC don't know every GEWIS member I'd like to introduce myself to everyone that I have not yet gotten to know.

#### Noel van de Vrie TEXT

I come from the beautiful province of Zeeland, having lived most of my life in a town named "'s-Heer Hendriks Kinderen" (Yes, I know this sounds unbelievably Dutch). One of the things about living there that I really enjoyed w<mark>as that my grandparents lived almost ne</mark>xt door, which meant I got to go there whenever I wanted. While I was there I really enjoyed talking with my grandpa. This also made my mom's life a lot easier as she raised me and my brother mostly alone, due to my father being mostly absent while I was growing up.

I have one younger brother, whom I have always gotten along with. At first, we used to play mostly outside together but when we got our first gaming console, we played almost every videogame that allowed us to together. The games I have sp<mark>ent the most time playing</mark> are COD, CS:GO and LoL.

### ...so when I got back people unironically thought I was a "sjaars" "

I also played some sports during my childhood, most notably Football. I really enjoyed playing it until I reached the end of high school, and at that point I decided I felt more like being in control of my own schedule and decided to start going to the gym.

In my first year of university, I fortunately had a room and managed to get my BSR, but at the end of the first year due to corona I lost most of my motivation and didn't enjoy living in Eindhoven anymore and went back home. This resulted in me being absent from the student life for nearly 2 years, so when I got back people unironically thought I was a "sjaars". This was also when after some borrels, activities and the BEX I decided it would be fun and good for myself to start doing things in GEWIS. The first committee I wanted to join was the BAC, and as of writing this article, after some time of being a feut, I have finally become a member.

While joining activities and helping at borrels I also gained interest in GEFLITST and started taking pictures, as I really enjoy looking back at great moments through pictures.

Since the beginning of the new academic year, I have joined AViCo, and also have started to take being a member of the ABC more seriously, thus having started to wrap my head around the software made by GEWIS that we use in- and outside of the room.

But besides drafting beer, taking and editing pictures, and getting headaches about programming, I spend a lot of my free time at GEWIS. So, if you see me doing any of these things or just hanging around, feel free to come up to me and say hi!

### Here you can find infima sent to the Supremum committee via *inf.gewis.nl*.

Jelte, introcommissie: "Maar even, mag GEWIS introcommissie wel met vanderwaals kiddo's zoenen?"

Tessa: "Insult me, please!"

Bartjan: "Ja dan krijgt Wietske de straat" Lotte: "Ah perfect, dat is ook leuk voor de straat!"

Hannah van E.: "Lichtblauw is vastgoedkunde van de Fontys"

Jasper: "En wit was bedrijfskunde."

Lotte L.: "Witwasbedrijfskunde?"

Jasper G.: "Laffe borrelaars die BHV'ers!"

Lucy during intro evaluation: "We need to get more balls."

Anne: "Heb je liever een enkeltje of een retourtje?" Lies: "Maakt me geen zak uit, als ik maar het spelletje snap!"

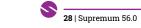
Lieke heeft net een adje pannenkoek gedaan Ze heeft geen zin meer in haar pannenkoek Stijn: "Gooi m weg." Lieke: "Nee das onbeleefd naar God"

Introkiddo: "God is giving you pancakes, be grateful!"

Lora S.: "Why is violence not allowed? Jesus. My life would be so much easier."

Thijs over het radje op de borrel: "Dan ben je 4,50 kwijt en krijg je 2 rivella. Dat is echt verliezen."

Ollie: "Als ik volgende week sudosos afheb ga ik de bakstatistieken doen"



nfimum: A strange or funny quotation from a teacher, a student or faculty member.

Ivar praat over "schrank" Kiddo: "How do you write that?" Ivar: "Ssssccchhhrrraannnkk"

Maiko tegen Jort: "Jij hebt echt die sucky power."

Lucas M.: "Let me just fist my wine."

Bartjan en Ollie zijn de begroting aan het maken voor de MKO BBQ Bartjan: "Hoe kan het nou zo duur zijn"

Lotte: "Er is 250 euro aan Mais besteld..."

Sven: "Breng haar veilig naar huis, of naar Demos"

Joris tegen Ollie: "Maar is jouw pinpas groter dan die van mij?"

#### Tijdens de Dispuutsspellen

Samuel en Daan: "Ja wij zijn Praeses Oosterholt en Questor Verkade, maar jullie mogen ons voor deze keer gewoon Oosterholt en Verkade noemen."

Lieke J.: "Het duurde ook even voordat ik Bier en Tieten zag hangen."

Intro kiddo: "I don't like it raw."

Intro kiddo falls from rowing chair Sunny: "ah, like father like son!"

Vincent: "I am a scammer, I promise kiddos pancakes, there are no pancakes, I promise kiddos coffee, there is no coffee!"

Sanne: "Ik wil vooral even opruimen voordat ik dronken was."



## **YO SIBLING**

A s his older sibling, it is my duty to publicly humiliate my little brother, so I would never decline the offer to write a story about Samuel. There are countless stories I could tell about you, Sam, but frankly, most of them are illegal, so I better not.

#### TEXT Max Oosterholt (Samuel's sibling)

You are one of the brightest people I know. You're a pleasure to be around, well, when you're around, that is. You are rather busy and preoccupied, especially so during your board year. When I would visit our parents - which is about once every two weeks - they'd ask me if I've heard from you, and I'd tell them "Nope, I think he's pretty busy with his board things and stuff." And dad would roll his eyes, laugh and say *"Oh he's sooooo important!"* 

When you do visit our parents, however, you make up for it by entertaining everyone with a snappy, hilarious stand-up comedy routine during dinner. I've always wondered where you got your hilarious sense of humour from, but I figure you just stumbled upon a recording of a Daniel Arends show on YouTube when you were 14 and modelled your personality after him.



But if my little bro has anything, it's the audacity, for sure. I recall you standing up for me when you could've been no older than 12. You walked up to my bully (who was probably 3 heads taller than you) and told the guy that you couldn't fathom him having many friends, considering how ugly his face was.

### <sup>44</sup> But if my little bro has anything, it's the audacity, for sure ,,

I love that we're pretty close in age. During the third year of my bachelor's in Industrial Design, I decided to take the Introduction to Programming course (I don't know what came over me). Coincidentally, it was your first year at uni, and you were doomed to be paired up with me.

During one of our lectures from no one other than Kees Huizing, there was a slide with an image of a yin and yang symbol on screen (I do not know why or how this is related to Java). Huizing instructed everyone to join him in a calming, grounding, *"Oooooohhhmmm"* chant, and right as he took a breath in, you, my dear brother, started screaming at the top of your lungs. Your highpitched falsetto ear-deafening screech filled the room and probably left the poor assistant professor questioning his career. And when I say the entire lecture hall lost it, God, it took people minutes to recover from what had arguably been the funniest thing I'd ever witnessed in a lecture. I was crying.



It has always been clear that computer science was your calling. You were already building incredibly impressive websites as a (pre-)teen. Hell, this man had been "programming" in Minecraft before he could properly read. That's what I admire about you, Sammie. You see something that sparks your interest, you investigate it, and you simply do it - and make it seem easy, too.

## " For the association, of course! "

What Sam has also always been doing is hitting on my friends! For the love of god, bro. Truly, the relief I felt when you entered a relationship because it meant you'd finally stop sliding into my friends' DMs. But maybe I'm not one to speak...



Anyway, it's been a pleasure seeing you grow and flourish in a community that you care so much for. That was clear from the constitution drink, when you downed 40-something shots (*for the association, of course*!) and took it like a champ. That is, until the drink was over and you were dragged off campus by old board members (one person holding each arm), placed into the backseat of a car and sent home to be tucked into bed. I can only imagine the hangover you must have had the next day.

I am so proud of you little bro. You will go very far, but I'm sure you know that. I bet you'll work for Google in Zurich in a few years' time, camping in their parking lot to minimise living expenses and maximise profit. Truly aspirational.





# THE MEANING OF LIFE, THE UNIVERSE, AND OUR LOGO

E very year, the new board of GEWIS is asked to write an article about themselves in the first Supremum edition of the year. This can be an introduction piece about themselves, something about being board in general, or anything else. As our board year is already in full swing, and many people have asked us about our logo, writing a Supremum article about it seemed like a perfect fit.

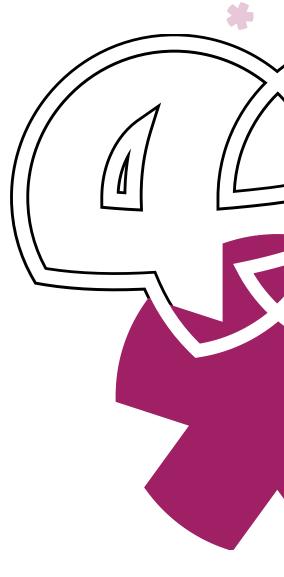
#### TEXT Ruben Wolters

Your board logo is something that is, at least within GEWIS, a defining thing. Every board makes their own, and does their very best to plaster it all over, making sure that everyone knows it. You may have seen some old-board logos around the room, either on clothing or on objects still present in the boardroom. Clearly, each board is very proud of their logo, and for good reason. It's a personal piece that has some meaning behind it. So let's take a deeper dive into what this year is.

As you might know, the current board of GEWIS is the 42nd board. While many associations give their board a special name to differentiate themselves from previous and future boards, GEWIS only uses the number. But we take great pride in that number. So much so, that anytime the number is mentioned anywhere, we must and shall make references to it, even years after your board year. Think of yelling "Vo!" when the time says 10:42, having the quiet hope that the 2FA code is 42, or using 42 as the number in your code's test cases, all the while getting responses of "anti-vo" or "kleuter" thrown at you. All friendly banter of course. Seeing that this board number plays such an integral part of your identity as a board, it has to be in the logo. This is of course no different this year.

### " I think we can all appreciate a nice looking Venn diagram... ,,

Now comes the part where each board lets their creativity go loose and tries to make something out of it. You can do things with the color you chose as a board, you could try something with the number itself, just making it look nice, really anything goes. There were a few loose ideas, but those never really went anywhere. Until we took a look at the ASCII table, where we discovered the ASCII symbol for 42: \*, the asterisk. This immediately got some more inspiration flowing. As the computer scientists that we are, we recognized the asterisk as the symbol to use for selecting everything in SQL, or simply importing everything from a library in most programming languages. Once again, we found something we had to include. With the asterisk becoming part of our identity, we now had enough to create a logo. But what to create. Some of you may have already wondered about the reference to the title, or just thought about the obvious "42 is the answer to life, the universe and everything". Or maybe you haven't, what do I know about what goes on in your head? Regardless, we decided to take a page from the book (pun intended) "The Hitchhiker's Guide" to the Galaxy". This concept of 42 is central to the story and is often depicted using a Venn diagram. Some keen-eyed mathematicians may raise their eyebrow at this. Why would the universe i.e. all objects not be the same as everything and why would they even be circles in the Venn diagram, when the universe is the union over all of these sets anyways. Not to worry, it bothered me a little bit as well. But life goes on and not everyone can be as well versed in mathematical notation as we are. Regardless, clearly referencing the story, and as mathematicians and computer scientists, I think we can all appreciate a nice looking Venn diagram, adding this to the logo also seemed like a no-brainer.



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Finally, I want to highlight some design choices. In the Venn diagram, we chose to place the asterisk as the bottom circle. This is a deliberate choice, as the Everything circle in the Hitchhiker's Guide Venn diagram is also at the bottom. As I mentioned above, \* is used as all in most programming languages, in other words, everything. Lastly, the entire logo is made with circles. Now this sounds obvious, it's literally a Venn diagram. But no, the shape of the numbers is made with intersections and unions of circles, making it a sort of Venn diagram-ception.

Hopefully you now have a better understanding of our logo, and it is one less thing that is unknown.



Rink: "Jij wilde college skippen om te lunchen?" Juul P: "Ik wilde college toch al skippen en dan kon ik gaan eten."

Robin v. D.: "Is het 'vo om bij de NSDAP te zitten?"

Jort: "Wist je dat het de derde dag is van de week van het onderwijs?" Leon: "Het is Kinderboekenweek!"

**Leon V**.: "Ik moet echt heel veel Tikkies sturen. (...) Al mijn Tikkies gaan naar niet-sjaarzen, dus mensen gaan hem in ieder geval wel betalen."

Lotte over de poster van GEZWEM: "Hij vraagt wel echt de aandacht met hoe lelijk die is." Martijn die net langs loopt: "Wat?"

Martijn: "Ik wil het niet, ik stel het alleen voor."

Dylan: "Ik bijt niet, ik lik alleen."

Robin v D: "Ik ga heel vaak heel laag, maar René zoenen!?"

Roy K. after the BAC forgot to put ice cubes back in the freezer. Roy K. : "Wait, there was water?"

**Max**: "Sako loopt ook in zijn blote buik rond, dat wil ik ook niet zien."

Bartjan H., CO in hart en nieren: "Sponsor het goeie doel met Ketell?! Het goeie doel is leerzaamheid en onderwijs! Vo!"

Victor K: "Sommige mensen denken dat 2 boterhammen, 1 boterham zijn"

Rink P: "Mocht Meta ooit afbranden, dan kost het ons vanaf nu dus €150 euro om alles te restoren."



Lies. S.: "Ik kan hem nu niet oppakken want dan vallen de ballen er af."

Lucas M.: "Hoezo bestuur is incapabel?! Zag je hoe hoog ik sprong?!"

Lora to Ollie: "If you ever have an argument with them [Intermate], remember they are studying P&T"

Robin v. D.:"Bestuur, mag ik al bier?" Bestuur: "Ja!"

**Maiko C**.: "Can't you just assume it's the female dog that gets pregnant?"

**Sven tegen Robin C**.: "Als je hierna zwanger bent is dat niet mijn schuld."

Annemiek: "Turkse pizza met kaas is gewoon vega."

Rink: "Het luik kon toch fucking dicht of nie dan!"

Lennaert: "Pijpangst is toch gewoon angst voor buizen?"

Anoniem: "Dan wil ik het swipen als een creditcard met m'n neus."

*Noël is bezig aan de SudoSOS password reset.* **Noël v.d.V.**: "Nu ga ik onironisch m'n wachtwoord resetten"

Bor de K. : "Je weet dat de natuurwetten niet de gevoelstemperatuur volgen, hé? Als het gevoelstemperatuur –5 is gaat het water niet opeens gevoelsbevriezen"

**Leon V.**: "Ik heb net sjaarzen geholpen met circuits! En met sjaarzen bedoel ik Lotte en Victor." Victor ordering at Hubble: "Can I get a-" Ruben W: "Hoyaaa"

Arend R.: "Wie wil er nog meer op de Elephantsnaaktkalender?"

Sanne: "Ik drink niet alleen, de risotto drinkt ook!"

**Bartjan H**.: "Wietske geef je echt drie bier en dan is ze af. Het is echt verschrikkelijk hoe weinig ik dan kan drinken op Bartjan-en-Wietske-gaan-af-borrels."

Jort v. D.: "Education Island is nowadays more like Flevoland."

Sjaars Rick: "Werken is echt voor arbeiders"

**Ruben W**.: "Welke kutsjaars heeft dit gedaan? (...) Oh, ik was de kutsjaars."

Ruben terwijl hij na sluiting van Metaforum in de markthal wacht tot het droog is: "Bestuur het regent."

Lora S. after Bartjan H. starts playing Driving Home for Christmas: "Ding dong your keyholder priveledges are gone"

Jelte: "Wat heeft Défi ineens met kutjes"

Bartjan H.: "Rink, je kindje is dood." Rink P.: "Wie heeft Zabbix gesloopt? Gijs!"

Robin van D.: "Ik heb het eerst op de test gedeployt; vond ik wel een beetje laf van mezelf." Robin van D.: "Het is helemaal stuk!"

Bartjan H.: "Gast, ik heb geen reden om het uit te maken met Lieke!" Robin v. D.: "JA MAAR IK WEL!!"

Leon V.: "Ja dat met die walvis" Roy K.: "Je bedoelt Docker?" Leon V.: "Ja!" Robin: "Tinder doe je sowieso niet serieus" Leon: "Inderdaad, dat is iets wat je gewoon dronken op wc doet"

Anonymous Board Member after meeting a random parent and getting a kiss on the cheek: "I got some MILF action!"

Lora got a phishing mail from HardFindElectronics Maiko: "Her skypename is Teresa.hardfind, we should call her" Lora: "Teresa.hardfind!? That sounds like an OnlyFans name"

Hiske: "Dit is wat de hele wereldbevolking van Nederland wil."

Random man in de appie: "1 keer 5? 25!"

**BJ**: "If the chicken doesn't have any feathers, you can't get the feathers out!"

Treasurer of GEWIS: "Identity Fraud Time!"

Leon: "Inge sinds wanneer heb je een tweeling zus?" Inge: "m'n hele leven al."

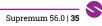
**Frederik O**.: "Ik heb al echt heel lang niet gekotst. (...) Echt al bijna drie weken."

**Frederik O**.: "Het was de introductieweek. Ik zit hier elke dag te zuipen. Ik ben dus brak en high hier, zit WP mij uit te lachen."

Leon: "What is the relationship between a passion fruit and a maracuja?" Ciska: "You mean friends with benefits?!"

Willem S: "Am I not girly pop?"

**Victor**: "Dat is niet hoe het werkt maar wel hoe het in mijn hoofd werkt"











## STUDY TRIP SOUTH KOREA

#### WHAT AN EXCITING THREE WEEKS

T his study trip has been an exciting, interesting, and formative experience. Being able to join it with my wife (Katia) and 2-yrs-old (Leonardo) has been an incredible opportunity, for which I (we) are very grateful!

#### TEXT Dr. Luca Allodi

Of course, joining with a little kid has had its challenges, but it's been so easy to work with the organizing committee to make it work. A special shout-out to Casper for all the help and care he put in while setting up the details we needed in place to make this work with Leo! We are particularly happy to have been able to attend pretty much all the activities together with the whole group, and for the very warm welcome Leo got from all the students. Thanks!!

There were three main types of activities, all of which offered great opportunities to experience the South Korean institutions, reality, and society: institutional visits, cultural visits, and "free time".

#### **KOREAN EDUCATION**

Institutional visits were, unsurprisingly, the most directly related to our daily activities at TU Eindhoven as educators and researchers (and students!). Three main aspects stuck with me after our visit, and offered particular opportunities for reflection: the laboratory setups & visits, the culture around intellectual property and scientific collaboration, and insights on societal factors on education and university life. The visits to the universities revealed some similarities with TU/e in the overall educational setup, from student groups and associations to the structure of laboratories and campuses. What I found quite different from the system we are used to at the TU/e, and the Netherlands or within the European Union in general, is the (lack of) openness of (some) scientific research. This difference was particularly evident at ETRI, a government-funded research institute for electronics and telecommunications. This is a place where scientists conduct world-level research (and development) with patents and "start-ups" being the main output (as opposed to scientific publications and dissemination). In the Netherlands or the EU, the development of open-source technology is essentially a requirement for public-funded research, for ETRI in particular, this is essentially off the radar.



Naturally, it'd be wrong to generalize: research conducted at other universities, including the University of Seoul and KAIST, follows the same paradigm we are used to in the Netherlands or the EU. Nonetheless, I had the impression that a large capacity is reserved to foster or maintain technological primacy in some (perhaps strategic) sectors, such as cybersecurity.

Interestingly, POSTECH, the final university of our visit, adopts a somewhat middle-ground approach with open research and start-ups working closely in the same environment. Something quite aligned with TU/e's own approach, even if perhaps a bit more extreme! The perhaps most striking aspect for me was somewhat fuzzier, though: how cultural heritage permeates the sense of self that these institutions present. From the societal role the University of Seoul played during the civil resistance to Japan, to the role of the founding fathers of ETRI in setting its vision, to the pressure students feel in high school and university to live up to societal expectations. Surely inspirational from some angles, and plenty of food for thought from some others!



I was also particularly happy with the visit to KIPA, the Korean Institute of Public Administration. It was great to see some of the students engaging in presentations about their own projects. Big praise to Ivo (Dams), Leon (Vreling), and Egor (Larionov) for the great work they did! I am personally also very proud and impressed by the fantastic questions our group asked in general, and in response to KIPA's research seminars in particular. I was very satisfied with the tech regulation perspective the KIPA visit covered --key aspects in view of global technology!



#### KOREAN CULTURE

Whereas the institutional visits were plenty interesting, naturally the cultural visits and the opportunities to experience South Korean life during free time were also invaluable. I was particularly struck by the postwar sentiment still clearly permeating parts of South Koreans' lives, perhaps because there was not one place we visited that didn't make explicit or implicit reference to that period. The visit to the North Korean border was naturally dripping with nationalistic sentiment, but it was interesting to indirectly experience the contrast with the younger generation's perspective of the divide between the two countries. In general, I had the impression that there are many contrasts in South Korea's society between modernism and technology, and traditions and memories of the past.

I cannot wrap up this short column without renovating our sincerest thank you to the whole group, not only for the organization and the high spirits but also for how welcoming and loving everybody has been with Leo. It's been a great experience also for him, and he grew so much through it thanks also to the whole group. We'll cherish these memories dearly.

## 고마워요





### **COMMITTEES & FRATERNITIES**

G EWIS is built on top of committees. Besides, Study Association GEWIS has several fraternities which contribute to the atmosphere and organize activities.

### **FRATERNITIES**

### COMMITTEES

ATHENA ATHENA

B.O.O.M Buitenplezier Op Onze Manier

Défi Défi

#### GEPWNAGE

GEWIS Plant Weer Nerdige Activiteiten en Geeky Evenementen

I.V.V In Vino Veritas



GEFLITST

GEHACK

Toffe Situaties, Toch?

**GEWIS Ervaart Het** 

Algoritmisch Code Kloppen

ApplicatieBeheer Commissie AC Activiteiten Commissie AVICO Audio- en VideoCommissie BAC **BAr** Commissie C4 Corporate Communication and Contact Committee CBC **Computer Beheer Commissie** CC CarnavalsCommissie FYC24-0 DesKRATes 🔺 First Year Committee FYC24-1 Humbug 🔺 First Year Committee FYC24-2 GEDULD 🌟 First Year Committee FYC24-3 I.K.E.A. 🔶 First Year Committee **GEBALLMERPIEK** GEWIS'sers Ervaren BALLen MEt **Rigoreuze** Precisie In Excentrieke Kups GEBEP GEWIS Borrows Euler's Proofs GEDWAAL GEWIS'ers Dwalen Waar Anderen Anders Lopen

**GEWISKI GEZWEM** GSM **GEWIS Social Media** INTRO23 ODC SR StudentenRaad SUPREMUM TRAIN Training YBC22 YBC23 👚 GEWIS Fotografeert Leden In

GELIFT

GEWIS'ers Liften Ieder

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YearBook Committee 2023

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