



2021-2022

Issue 4

MaChTazine

Materials Science &
Chemical Technology

Save the date!
MaChT Meets
the Industry
23/02/2022

Introduction

Hey everyone!

The end of the semester is nearby and everyone is overloaded with the work for all the projects that have to be finished. However, MaChT comes to the rescue with its last MaChTazine of this semester.

This time we give you some tips on some last-minute gift ideas for your chemical engineer friends as well as how to wrap those presents! And while you're home, how about some Christmas movies? Check out our list of awesome festive films! We also want to introduce Epione to you. With Epione you can have an anonymous chat with someone who will listen and talk to you.

This month there are also 2 (!) companies of the month, so you have to chances to win an awesome prize. Solve our puzzles and send them to macht@ugent.be and maybe you will be our next winner.

Your MaChT press—Felix and Tessa

Overview of coming events

Due to corona we had to cancel the remaining events of the first semester (cake day and the drink with the volunteers). But we stay positive (hopefully not on our COVID tests) and we already look forward to the second semester. We give you two dates to put in your agenda, but there are many more to come!

The first one is our biggest event of the year, MaChT Meets the Industry. Here you can meet our sponsors and find the job or internship of your life. So be sure to keep this night free for MaChT because you have to be there!

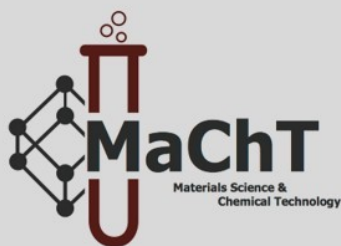
We also give you the date of our Cocktail Night, so that you can keep this night free in advance. No excuses will be allowed because you know it 3 months before it takes place.

MaChT Meets the Industry	Speeddate with our sponsors	23 February 2022
Cocktail Night	Social interaction with friends and some drinks	29 March 2022

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Next event: MaChT Meets the Industry



MaChT Meets the Industry

A great opportunity to speed date with companies!

Evening of

23 February 2022

More info soon, so
SAVE THE DATE!



Gift wrapping tips



- **CHOOSE THE RIGHT PAPER**

Short of walking into the shop and picking up the first roll of Christmas wrapping paper that you see, it's worth selecting paper that has a bit of weight and thickness to it, especially if you're planning on printing your own. You want to be able to pull the wrapping paper taut around the object for a neat finish. Thin paper can often tear at this point.

- **SIZE AND SHAPE MATTERS**

Searching for a suitable box to house an object? Recycle old boxes from previous years or utilise shoe boxes.

Another solution is selecting a suitably sized paper bag to discreetly hide an awkwardly shaped gift.

- **TIPS FOR TAPE**

For a seamless look, double-sided tape is a great option, although it doesn't work on papers that have a rough or textured finish. You can also purchase a box of sticky dots, which is a great alternative to tape.

- **RIBBONS**

Ensure your ribbon works proportionally with your gift. Avoid placing a thin ribbon on a large box or a wide ribbon on a small jewellery box. Another option is using a ball of jute string, which can be embellished with beads.

Source: <https://www.homestolove.com.au/christmas-wrapping-tips-7616>



Last minute holiday gifts under €100 for Chemical Engineers!

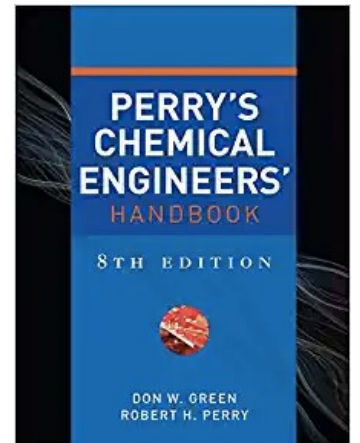
- **FUNNY CLOTHINGS:** Math formulas necktie

Burgies are known for their fashion sense! Rock this smexy necktie to the next exam and you'll be too cool that they'll ask you to take the tie off. But seriously, even if you know the person getting it won't ever wear it, it's a fun and light-hearted gift!



- **COZY BOOK:** Perry's Chemical Engineers' Handbook (8th edition, Kindle edition)

Are you too excited to receive your holiday gifts that you can't fall asleep? Try reading a couple chapters of this timeless tome for chemical engineers and you'll be dreaming of sugarplums VERY quickly. Now available on Kindle so that you can click through all 2500 pages one at a time.



- **RETRO TOOL:** A slide rule

Chances are, you've never used a slide rule. But these nifty devices were analog calculators that let you do multiplication, exponents, logarithms, trigonometry, etc. — all on a precisely constructed and designed “slab.” Even though these aren't used anymore, they remain a cool relic of practical design, and how complicated calculations were made accessible to everyone.

- **BATCH REACTOR:** Pressure cooker

Give your friend the gift of an idealized reactor! Cook your favorite recipes from beef stews, chili sin carne, and lab-scale polymer blends.

Christmas movies



There are thousands of Christmas movies but we had to make a choice so we list here 4 of the best Christmas movies of all time.

1. Home Alone

Even though Home Alone didn't turn out to be the greatest thing to happen to Macaulay Culkin, we feel rather fond of this classic Christmas hit. Also, do you know you could have rented the McCallister's mansion in Winnetka on Airbnb for just \$25 (airbnb.com/homealone)?

Film fact: You could have rented the McCallister's mansion in Winnetka, Illinois on Airbnb (airbnb.com/homealone)! For just one night, the owners are allowing a party of four to stay there for just \$25 a night (before all the fees of course). Somehow that entire place is only 2 bedrooms? What did Kevin's dad do anyway to afford that house and round-trip tickets to Paris?

2. It's A Wonderful Life

For those who don't like black and white movies It's A Wonderful Life might not seem like the most appealing choice when you're picking a Christmas movie to watch, but this is definitely one of the top five Christmas movies of all time. Even though It's A Wonderful Life didn't cause much of a stir when it was first released, the movie has proved timeless.

Film fact: Prior to this film, snow was made for movies using corn flakes and white paint. Yet the flakes made too much noise so, as an alternative, the creators of It's A Wonderful Life made snow using soap, water and foamite. This creation won an Academy Technical Achievement Award in 1948.

3. The Snowman

The Snowman is a magical and simplistic movie that is a firm favourite on this best Christmas movies list. The animated movie is a great family hit, not only because of the stunning pictures and the magical world in which the story takes place, but also because it's mesmerizing music can calm even the most hyperactive of overexcited children down and send them soundly to sleep until Father Christmas arrives.

Film fact: The key song in the movie, Walking In The Air, was not actually sung by Aled Jones. It was sung instead by Peter Auty and was released by Aled Jones three years later in 1985.

4. Die Hard

Okay, so it's not a traditional Christmas movie per se, but Die Hard is a definite contender for the best Christmas movie ever. What's more festive than guns and violence and BRUCE WILLIS. Time to gather around the fireplace and watch this epic action movie.

Film fact: If you're still not sure this movie should be on the top-Christmas-movies-of-all-time list then consider this; in Die Hard 2 the body count reached the staggering heights of 164. Yet for Die Hard the body count was just 18.

Source: <https://www.realbuzz.com/articles-interests/festive-health-fitness/article/top-5-christmas-movies-of-all-time/>



‘Thank you so much for listening. This was exactly what I needed at the moment’.

It's no surprise that the mental health of our students is at a low point. With that in mind the Ghent Student Council started **Epione** (read: ay-peeyonay), an **anonymous mental health chat** to also attract students who aren't able to express themselves easily via face-to-face contact. Epione was created for all students, especially since external help is very hard to reach at the moment.

Our initiative will be celebrating its first month being up and running on the 8th of December, so we will very gladly explain to you how things go here. Our chat works with a SIT-tool, which provides us with the possibility of having **anonymous one-on-one chats**. You can simply go to our website (<https://epione.sittool.net>), click on an anonymous operator, choose a nickname (can be anything) and tell us your story.

Our volunteers, all very enthusiastic students themselves, are available for you every evening to listen to you. Feel free to share what you need, so we can take that into account! Moreover, you are the one who chooses exactly what you want to share and how much you share with us, but don't worry, everything will stay anonymous.



You can also find us at: <https://www.facebook.com/EpioneStudentenchatlijn/>

Questions, comments or thoughts? Mail us at epione@gentsestudentenraad.be or contact one of our organisers Oshin.Ghiotto@UGent.be or Jarne@gentsestudentenraad.be

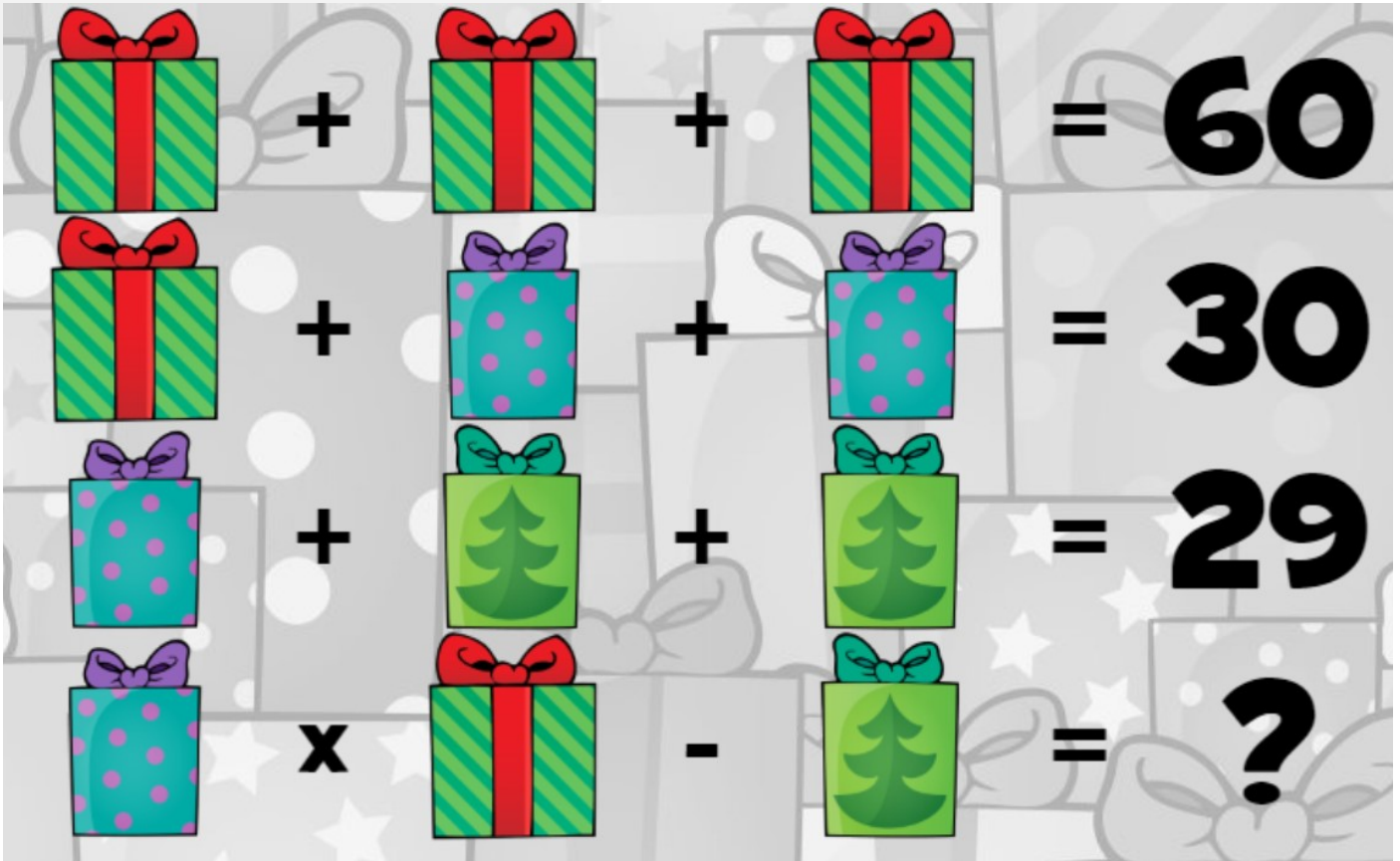
Company of the month: ArcelorMittal



ArcelorMittal

Auto's, windturbines, designwoningen... overal waar je kijkt, kom je ons staal tegen. Het creëren van innovatieve en duurzame staalproducten voor een brede waaier van dagelijkse toepassingen is waar wij voor staan. Onze sterke punten zijn duidelijk: we werken met hoogopgeleide professionals, staan dicht bij onze klanten en onze infrastructuur maakt samenwerking met complementaire sectoren mogelijk. Daarnaast wordt ons staal ook gezien als de hoeksteen van een circulaire economie en als basismateriaal voor hernieuwbare energie. Zonder ArcelorMittal, een van de grootste staal- en mijnbouwbedrijven ter wereld, zou je wereld er compleet anders uitzien. Staal is overal. En ons staal kan door jou worden gemaakt! Vervoeg ons team en ga aan de slag met de meest innovatieve technologieën van vandaag.

Puzzle ArcelorMittal



What number should come at the position of the question mark?

Solve the puzzle and send your solution to macht@ugent.be before the **24th of December** for a chance to win the awesome prize offered by **Arcelor Mittal** (so DO NOT put your solution in the boxes)! Good luck!

Name: _____

Email: _____

Company of the month: Ontex

ONTEX

WIE ZIJN WIJ?

ONTEX IS EEN TOONAANGEVENDE
INTERNATIONALE PRODUCENT VAN
PERSOONLIJKE HYGIËNEPRODUCTEN VOOR
BABY'S, VROUWEN EN VOLWASSENEN.

WERKEN VOOR ONTEX DAT BETEKEN
INTERNATIONAAL VERANKERD MAAR OOK
STERK NATIONAAL AANWEZIG ZIJN. ZO
HEBBEN WE IN BELGIË DRIE
VESTIGINGEN: IN EEKLO, BUGGENHOUT &
AALST.

INTERESSE IN ONZE VACATURES BINNEN R&D,
PRODUCTIE OF ANDERE DEPARTEMENTEN? CHECK
ONZE WEBSITE [HTTPS://CAREERS.ONTEX.COM/](https://careers.ontex.com/)

 CONNECTEER VIA LINKEDIN

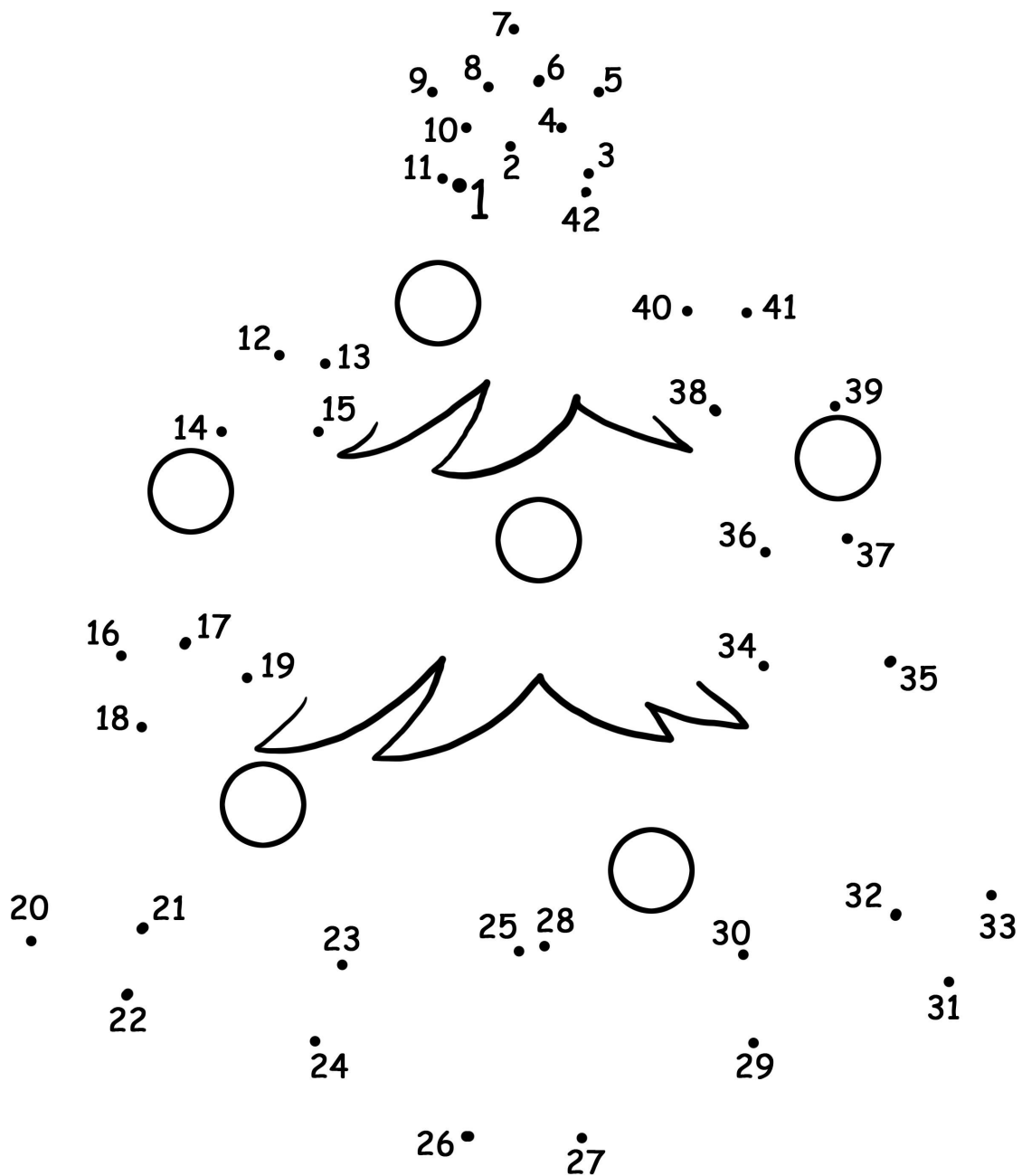
 OF MAIL NAAR:
JOBS.BUGGENHOUT@ONTEXGLOBAL.COM
JOBS.EEKLO@ONTEXGLOBAL.COM



SOLLICITATIETIP: WEES VOORBEREID EN ZORG
DAT JE CONCRETE VOORBEELDEN KAN GEVEN TER
VERDUIDELIJING VAN JE CV!



Puzzle Ontex



Use your best computer (aka Paint) or connecting skills to connect the dots (1 to 42) and let the picture reveal itself.

Solve the puzzle and send a photo or copy of your solution to **macht@ugent.be** before the **24th of December** for a chance to win the awesome prize offered by **Ontex** (so DO NOT put your solution in the boxes)! Good luck!

Name: _____

Email: _____

Sponsors

