



2023-2024

MaChTazine

**Materials Science &
Chemical Technology**

Issue 2

PASTA NIGHT

NEW DATE: 9/11/2023

Introduction

Hi everyone! We trust you've been having a blast during these first weeks of the semester. MaChT has already treated us to some fantastic events, and guess what? You can feast your eyes on all the action-packed photos in the upcoming pages!

But hey, no FOMO if you couldn't make it to those events because we've got many more events planned in the following weeks. Get ready for more unforgettable moments!

Make sure to follow our Instagram to stay up to date with all our upcoming events.



@MACHT.GENT

Upcoming events



Pasta Night

New Date:
9/11/23

Craving a taste of Italy? Join us for a Pasta Night that will tantalize your taste buds and transport you to the charming streets of Rome.



MaChT On Ice

21/11/23

Let's channel our inner penguins, polar bears, or Olympic figure skaters, and glide into a brand new MaChT event!



MaChT Meet Industry

21/2/2024

Curious to discover more about our sponsors and their offerings?

Join us at the New Year's reception, where we'll raise a glass to new beginnings and a year full of boundless opportunities while getting to know our sponsors.

Printed by

PAPIER&CO

Next event: PASTA NIGHT

MACHT

PASTA NIGHT

09.11.2023

18u30-22u00

Louisazaal - Tarbotstraat 61a



PASTA A VOLONTE

MaChT
Materials Science &
Chemical Technology

MaChT members

€ 7

non MaChT members

€ 10

registration not obligated
but when register online at macht.ugent.be
you get a free drink

Company of the month

For newcomers to MaChT, our Company of the Month program offers a unique opportunity to win amazing **prizes**. Each featured company presents an assignment alongside their description. This assignment could be a puzzle or an alternative challenge.

To participate, complete the assignment, detach the page and submit it in one of the designated MaChT boxes in buildings 46, 70A, or 125 (indicated on the map of the previous MaChTazine). After the deadline, a random selection will determine the winner.

Best of luck!

Contact us:

If you have any questions during the year, you can always find us at the Technology campus in Zwijnaarde or send us an email to MaChT@UGent.be.

For more information about our organisation, you can visit our website: www.macht.ugent.be.

 www.macht.ugent.be

 MaChT@UGent.be

 MaChT

 [macht.gent](https://www.instagram.com/macht.gent)

Get ready for our exciting Pasta Night! We're thrilled to serve you a range of delectable pasta dishes that will transport your taste buds to Italy and beyond. As we look forward to our special evening, here are some little pasta facts to whet your appetite:

5 facts about Pasta



There are around 600 different types of pasta today, and over 1300 different names have been documented!

Pasta has been scientifically proven to make you happier. According to scientists, the carbohydrates in pasta increase the production of serotonin. This is a neurotransmitter which is believed to heighten feelings of happiness!

There's science behind the pairing of specific pasta to specific sauces. Short, hollow shapes should be paired with meaty, chunky sauces, while long, thin strands are perfect to mop up luxurious sauces.

According to the International Pasta Organisation, the Italians consume an average of 600 million kilometres of spaghetti per year, and this would be enough to wrap the entire planet approximately 15,000 times!

It is thought that globally, 13 million tons of pasta are eaten each year.

Join us in savoring a dish from supermodel Gigi Hadid's kitchen – 'Pasta alla Vodka.' It's a creamy and flavorful twist on an Italian-American classic, and we can't wait to share this recipe with you!

INGREDIENTS (4pers)

- 400 g pasta
- 1 onion
- 1 clove of garlic
- 1 red chili pepper
- 2 el tomato paste
- Butter
- 250 ml cream
- 1 dash of vodka
- Fresh basil
- Grated parmesan cheese

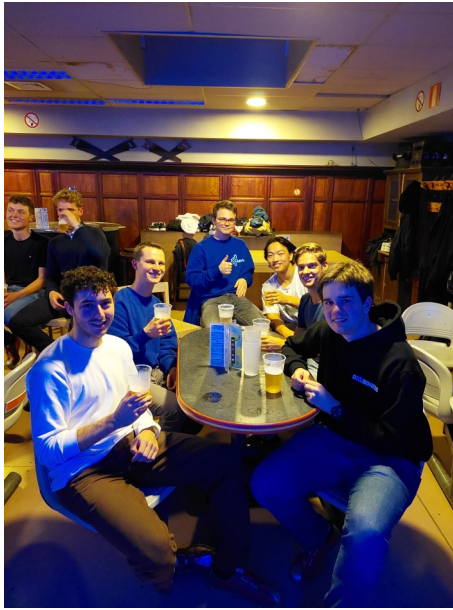
Pasta alla vodka

HOW TO MAKE IT

- Cook pasta until al dente.
- Saute' the onion and garlic in butter until fragrant.
- Add the tomato paste, fry for a moment and deglaze with a splash of vodka.
- Add the cream. Chop a few leaves of fresh basil and add it to the sauce. Simmer gently for 5 minutes, stirring frequently.
- Add the pasta, parmesan cheese and a ladleful of the cooking liquid.
- Add a little of the cooking liquid again, along with 2 tablespoons of butter, and stir again.
- Finish with grated parmesan and some extra basil.



Picture Time: Bowling Night



Picture Time: BBQ



Picture Time: BBQ



Company of the month:

Worley



Worley is een toonaangevende wereldwijde leverancier van professionele project- en asset services in de energie-, chemie- en grondstoffensector.

Worley België telt meer dan 600 medewerkers, heeft kantoren in Antwerpen en Gent, en is aanwezig op klantlocaties. We werken aan nationale en internationale projecten.

Onze projecten vereisen de inzet van multidisciplinaire technische teams en bieden kansen om technische/organisatorische vaardigheden te verbreden.

We leveren professionele diensten voor advies, haalbaarheidsstudies, conceptstudies, basisontwerpen, gedetailleerd ontwerp, projectbeheer, aanbesteding en contractering, constructiebeheer, testen, oplevering, validatie, opstart en vergunningverlening.

Bij Worley België hebben we mogelijkheden voor (afgestudeerde en/of ervaren) Ingenieurs met een achtergrond in civiele, proces-, mechanische, E&I, piping, HSE.

Bekijk onze carrièrepagina op de Worley website en solliciteer online.

Start uw carrière in engineering bij Worley.

www.worley.com

Catherine.trahe@worley.com

Puzzle of the month: Worley

Pasta word search! Find the 18 pasta types in the grid.

S	J	I	C	E	I	C	W	I	H	C	C	O	N	G	T
P	C	L	C	A	N	N	E	L	L	O	N	I	P	U	X
A	T	L	O	H	M	A	C	A	R	O	N	I	F	P	I
G	B	E	G	H	M	S	C	W	T	S	M	P	E	A	N
H	X	C	I	V	C	I	O	R	Q	T	T	B	T	P	I
E	F	I	R	N	Z	L	L	E	D	Y	E	N	T	P	L
T	A	M	U	I	I	I	P	L	B	L	Y	P	U	A	L
T	R	R	L	K	G	T	T	X	I	H	N	C	C	R	E
I	F	E	A	R	S	A	O	T	W	S	A	S	C	D	T
Q	A	V	S	Y	A	V	T	R	O	P	U	P	I	E	R
G	L	E	A	P	V	V	T	O	E	C	V	F	N	L	O
X	L	N	G	W	V	Q	I	L	N	N	I	J	E	L	T
J	E	N	N	G	I	A	L	O	R	I	B	N	Q	E	V
X	K	E	A	Y	L	I	J	V	L	M	L	F	A	E	R
C	L	P	D	D	N	V	E	W	E	I	T	B	G	M	T
U	I	T	B	I	L	I	N	G	U	I	N	E	P	Q	U

- CANNELLONI
- CAPELLINI
- FARFALLE
- FETTUCCINE
- FUSILLI
- GNOCCHI
- LASAGNA
- LINGUINE
- MACARONI
- MANICOTTI
- PAPPARDELLE
- PENNE
- RAVIOLI
- RIGATONI
- ROTINI
- SPAGHETTI
- TORTELLINI
- VERMICELLI

Try to solve this puzzle and have a chance to win the awesome prize offered by Worley!!

Deposit this page with your answers in one of the **MaChT boxes** or send an **e-mail** with the answer of the puzzle to **MaChT@UGent.be** before the **17th of November**.

Good luck!

Name: _____

Email: _____

Company of the month: Yara



Werkenbijyara.nl

Knowledge grows



Yara Sluiskil is the world's largest production facility of the Norwegian company Yara International. Yara Sluiskil produces nitrogen fertilisers and industrial chemicals, including Air1, AdBlue and NOxCare which capture harmful nitrogen oxides (NOx). Yara Sluiskil also produces the CO₂ responsible for the bubbles in soft drinks and beer, and dry ice on which products such as vaccines are stored.

Working at Yara makes you part of a global network that works together responsibly and profitably on some of the world's greatest challenges: scarce resources, food insecurity and the climate crisis. That's why we want to keep learning together. It's the very pillar of our people strategy: Grow@Yara. Everyone at Yara is given the space to develop, take responsibility and grow.



Puzzle of the month: Yara

A **tectonic puzzle** has a diagram divided into blocks of one to five squares. Numbers must then be placed in these squares. When a block consists of one square, the number 1 is placed in it. A block of two squares gets the numbers 1 and 2; in a block of three squares, the numbers 1, 2, and 3 should be placed, and so on. The goal is to fill in the diagram in such a way that squares with the same numbers do not touch each other, not even diagonally.

					5
	4	3			
5	1		2		5
	1				
1				2	
3				4	
4		4			

Try to solve this puzzle and have a chance to win the awesome prize offered by Yara!!

Deposit this page with your answers in one of the **MaChT boxes** or send an **e-mail** with the answer of the puzzle to **MaChT@UGent.be** before the **17th of November**.

Good luck!

Name: _____

Email: _____

Company of the month: B.I.G

Shaping sustainable living, together

You think you never get in touch with the solutions of Beaulieu International Group? Well, think again! Because B.I.G. is always by your side! No cold feet thanks to laminate flooring in your bedroom? Playing Padel on artificial grass? Showering in a vinyl tiled bathroom? Or plopping into the sofa with soft fabric upholstery after a hard day at college? Well, B.I.G. is at the heart of all these great solutions!

Wide spectrum

In this constantly changing world, B.I.G. is always looking for talent to work together to tackle the many challenges that lie ahead. And the opportunities within B.I.G. are far-reaching. "People with a background as civil engineers in materials science and chemical engineering can get into a broad spectrum of jobs within B.I.G.," says Pol Lombaert, Innovation Director. "Typically, we see young potentials with this specific background start working as Innovation Project Engineer or Product Development Engineer, so that they immediately work on our most impactful projects."

Getting opportunities, seizing opportunities

B.I.G.'s DNA stands for believing in employees' talents from the start of their careers. "Young engineers are given responsibility very quickly, but always within certain limits with built-in safety," Pol Lombaert continues. B.I.G. offers many opportunities, but as an employee it is also important to seize those opportunities with both hands. "Because of the broad orientation at the start of their career, in which they get to know the organization well, young potentials can assess for themselves where their interests lie. It is hard to predict to which positions engineers can grow. In fact, it could be to any position in our organization. The path taken by people with an engineering background shows that everyone can find their own route within B.I.G., both nationally or internationally", concludes Pol Lombaert.



Beaulieu
International
Group



Puzzle of the month:

Beaulieu International Group

Complete this binary puzzle by filing in zeros and ones in each empty cell. There may not be more than two of the same digits directly next to or directly below each other. Each row and each column is unique and contains an equal amount of zeros and ones.

								1		1	0
	1			1		0					
1		1		1		0					
		1							1		
							0			1	
	1	0								1	
	1										
										0	
		1						1			
1	1					0				0	
1			0						1		
								1	1		

Try to solve this puzzle and have a chance to win the awesome prize offered by Beaulieu International Group!!

Deposit this page with your answers in one of the **MaChT boxes** or send an **e-mail** with the answer of the puzzle to MaChT@UGent.be before the **17th of November**.

Good luck!

Name: _____

Email: _____

Sponsors:



Air Liquide



Progress beyond



ArcelorMittal

EASTMAN



TotalEnergies

ExxonMobil

INEOS



BOREALIS

Keep Discovering

