II Lustrum Paper 'Round the clock

Beer tasting May 12th, 19:30 - 21:30

Lustrum diner May 17th, 18:00 – 21:00

Hangover breakfast May 18th, 9:00 – 12:30

Break activity GLC May 19th, 12:30 – 13:30

Career activity May 20th, 12:30 - 13:30

MDLA May 20th, 21:00-23:00

LuWi May 21st to May 23rd Lustrum stunt May 17th, 10:00 – 17:00

> N-party May 17th, 21:00

Lustrum GPA May 18th, 16:00 – 23:00

LuAc activity May 19th, 18:00 – 23:00

De Borrel May 20th, 16:00 - 19:00

LuAc break activity May 21st, 12:30 – 13:30

Reunion May 28th, 20:00 – 23:00

SVTN "J.D. van der Waals"

Welcome to the XII Lustrum

Lustrum Committee

Dear readers,

The 12th lustrum, the 60th year, we as SVTN ''J.D. van der Waals are 'Round the clock. The organization of the lustrum all began normal; our committees started throughout the academic year 2019-2020 to create the beautiful events that would take place in October 2020. Many preparations had to be carried out by the commissioners of lustrum, the boards and the lustrum committees. With the rising of the corona crisis, it became quite stressful for everyone. But many online meetings and a few months further, we are proud to say that it has been fulfilled! Most activities are adapted many times, maybe twelve times, or even sixty? But, with this paper, we would like to announce how this week is going to look like, in which activities you can take part in and how a week long party looks like! We hope it's going to be unforgettable over time...

Besides the stressful period regarding the organization of the lustrum, the corona crisis also caused to change all our student lives and the daily activities of our beloved association. De Borrel could no longer take place in de 'Salon', we had to skip many (un)forgettable N-parties and all other activities took place in different forms. But, all members were still motivated to keep organizing things, to keep visiting activities and to stay optimistic.

We would like to thank everyone who contributed in organizing this lustrum in the previous months. Organizing activities without knowing how the near future exactly looks like is difficult and requires perseverance and adaptability. We are convinced that together, to what extent this is possible, we will enjoy the upcoming lustrum week more than ever. Do not forget how valuable time actually is, as it will never stop. Enjoy each other's presence this week!

Lots of love,

The General Lustrum Committee The 61st board of SVTN "J.D. van der Waals" The 62nd board of SVTN "J.D. van der Waals"



Lustrum Paper Information

In this lustrum paper, you will find an overview of all activities and the committee members organizing these activities. Furthermore, you will find some photos of the symposium which already took place in January, an article about time, a puzzle and it is even possible to win a prize!

An up-to-date overview of all activities can be found on the website: lustrum.vdwaals.nl. It is also possible to register for activities via the website. Please note that it is possible that some information in the paper is outdated due to the measures taken against the corona virus.

For any other questions related to the lustrum, please send an email to lustrum@vdwaals.nl.



Here we can see the General Lustrum Committe in their natural habitat Mart, Mark, Gijs, Inez, Mendy, Rein, Chiel, Lieke

Activity Overview

Lustrum symposium

January 6

The theme of the lustrum symposium was 'the beginning of time'. During this day it is possible to listen to different speakers.

Borrel beer tasting

May 12

Instead of a regular Borrel there will be a beer tasting activity. Here you can develop your own personal taste.

Lustrum stunt

May 17

The lustrum week will be opened with the lustrum stunt! During the day everyone can enjoy some vanilla slices and participate in the stunt! Maybe you will even see a dinosaur..

Dinner

May 17

After the stunt it is possible to participate in the dinner organized by the general lustrum committee. The details for the dinner can be found on the website.

N-party

May 17

In the evening we will celebrate the start of the lustrum with an adapted form of the well-known N-parties. In this way, it is possible to participate in twelve hours of successive activities, a real 'round the clock activity.

Hangover breakfast

May 18

The morning after the N-party, breakfast will be served. In this way, everyone can have a good start of the second day of the lustrum week.

GPA

May 18

The GPA will be a tasting activity. You can participate together with some roommates or other Van der Waals members!

12 rounds break activity

May 19

During this break activity, organized by the general lustrum committee, there will be twelve rounds with questions, games and challenges.

Tapas night

May 19

Collect your ingredients in advance and make sure to follow all steps explained in the workshop accurately to enjoy your food afterwards!

Career activity

May 20

During the break, there will be a lustrum career activity. Join this activity for your career orientation!



Borrel

May 20

Of course a Borrel on Thursday could not be missed during the lustrum week. Enjoy a craft beer while looking back at the activities of this week.

MDLA

May 20

After the Borrel, an activity organized by all fraternities and sororities will take place, the MDLA!

Broodje bal workshop

May 21

A workshop will be given by the lustrum AC for making your own culinary 'broodje bal'.

LuWi

May 21-23

To end the lustrum, the LuWi takes place. During this weekend, unknown activities will take place and you will have lots of fun!

Reunion

May 28

The reunion will take place in the evening in the form of a talk show! Join to hear about the development within research groups, to see how the association has changed these last few years and to hear good stories about the good old days. After the general program, there will be an online Borrel.



An impression of the online Lustrum Symposium

Committee Appreciation Page

Here we put all the hard working committee members in the spotlight. They deserve all the praise!!!

General Lustrum Committee

"drinkin' till we sinkin'"

Mart Giesbergen Chairman Gijs Simons Secretary

Robert Rompelberg

Chiel Koster

Mark Brand

Mendy Bink

Inez van Hooff

Chairman Secretary Board Representative Treasurer

Rein Albers Board Representative Lieke Ruijs Board Representative

Symposium committee

"It's sky blue, has green fingers and flies through time"

Wieneke Sijtsma Chairman Anne-Wil van den Heuvel Secretary Charlotte van Kints Treasurer Koen Custers Daphne Dorrestijn Jolien van Walt van Praag Bas van Dijck Merel Laarhoven Board Rep Bouke van Belois Board Rep

Board Representative Board Representative

LuWi

"x Bob has not done it again x another pie-point for Bob x" peace X Chairman X Secretary X Treasurer Thomas X Thijs de Gijsel Commissioner Bob X X X Rein Albers Board Representative

MDLA

"Four fraternities and sororities lived together in peace. But then everything changed, the board attacked. 100 years went by."

Rens Venema	Chairman
Thomas van den Biggelaar	Secretary
Hannah Clercx	Treasurer
Iris Box	
Thomas van den Doel	Board Rep
Gijs Simons	Board Rep

Board Representative Board Representative

Stunt Committe

"When God said 'Let there be light,' he surely must have meant perfectly coherent light fired from a

dinosaur gun."

Susanne van Os	Chairman
Ralph den Boer	Secretary
Patrick Huisman	Treasurer
Mike Brozius	
Viktor van Bilsen	
Lieke Ruijs	Board Representative
Tom Sparidans	Board Representative

General Public Activity

"It is time again for fries to nicely devour mayonnaise, so we can drink a beer now."

Hannah Clercx	
Lisanne van Dijk	
Paul van Kuppevelt	
Alex Asma	
Sammie Alolabi	
Tom Sparidans	
Cas van Haren	

Chairman Secretary Board Representative Treasurer

Board Representative

Lustrum Activity Committee

"First, you need to get the ball rolling."

Lian de Jong	Chairman
Teun Piels	Secretary
Wieneke Sijtsma	Treasurer
Rixt Heijenga	
Lieke Ruijs	Board Representative
Bouke van Belois	Board Representative

Lustrum Reunion Committee

"Improve, Adapt, Overcome"

Metten de Lange	Chairman
Tom Sparidans	Secretary
	Board Representative
Mathijs Mientjes	Treasurer
Jonne Severijns	Co-treasurer
Lotte van de Rakt	Board Representative

Lustrum Almanac Committee

"Please send your submission before January 21st, February 25th, May 1st, December 12th"

Jonne Severijns	(
Quirine Braat	
Roy Rosenkamp	-
Lucero Avila Ruiz	
Rein Albers	

Chairman Secretary Treasurer

rs Board Representative



Hosts of the reunion talk show



Symposium committee Charlotte, Bouke, Merel, Bas Daphne, Wieneke, Jolien Anne-Wil, Koen

What is time?

Written by Mart Giesbergen

We as physicists try it all the time: defining time. What exactly is time? Imagine a soccer ball being thrown from point A to B. The ball has a certain mass, structure, smell, and color and once it's thrown it covers a certain distance. Even without measuring this distance, we can still observe that the ball moves a certain amount. The mass, structure, smell, and color are quantities that belong to the ball. However, the time it took from A to B is nothing more than the number of seconds (where a second is defined as 9,192,631,770 periods of radiation corresponding to the transition between two hyperfine levels of the unperturbed ground state of the caesium-133 atom) that passed by on the observer's stopwatch during the event. When looking at the ball, the observer sees the distance being covered but cannot see time passing by. The time passed by is nothing more than the seconds that passed by on the stopwatch.

Since 1900, time is not only the number of seconds between two events; Albert Einstein turned the meaning of time and space by 180 degrees. Space is not just measuring the distance between two objects and time is more than reading of a stopwatch. Einstein discovered that both time and space are connected and can vary depending on the observer.

Besides physicists trying to explain time, it has been (and still is) a great topic in philosophy. Ancient Indian philosophers thought about something as the Wheel of Time. As far as our human minds are developed, it is quite difficult to imagine something being infinite; even the number of atoms in the universe should be finite right? That's where the Wheel of Time comes in. The ancient Indians thought about time as a circle; there is no begin nor an end and repeats itself over and over again, such that it feels infinite. This assumption is probably one of the reasons which led to beliefs such as reincarnation, because they thought that time or life would repeat itself.

It was Immanuel Kant that described time as a priori intuition that allows humans to comprehend sense experience; temporal measurements quantify the duration of and between events. This makes us understand the past, present and future and creates structure in our daily lives. Furthermore, German philosopher Martin Heidegger stated that humans do not exists in time but that they are the time. The fact that there is such a thing as the past, is due to the present awareness of "having been". This allows the past to exist in the present.

Where physicists still argue about the definition of time, philosophers already reached an agreement: physical time exists out of our minds, is measurable and objective, psychological time is mind dependent and subjective. Let this conclusion be a lesson for us and let's catch up with those philosophers about the definition of time!



XII Lustrum 'Round The Clock



Commissioners of lustrum Rein, Tom Lieke, Bouke



Lustrum almanac committee Quirine, Roy, Rein, Lucero, Jonne **XII LUSTUM Puzzles to kill the time** SVTN "J.D. van der Waals"

Lustrum sudoku

This is a regular sudoku, but can you figure it out?

The first nine greek letters are: α , β , γ , δ , ϵ , ζ , η , θ , ι Just in case you forgot ;)

Competition

10

How many folders are present on floor 6 of Van der Waals with administration?

Can you answer the question above to win an incredible prize and eternal fame? Send your answer to lustrum@vdwaals.nl

ζ							δ	
	β	α						
δ	L		ζ	α	З		η	
ι			α	3	ζ			
	η			δ			3	
			θ	γ	η			α
	З		η	ι	γ		α	δ
						γ	ζ	
	α							З

The numbers from 1 to 16 were written on a 4 x 4 grid, each of the sixteen numbers appearing exactly once. An ant started on one of the unit squares and travelled to several of the squares by going from a square to one of its neighbours at a time. (Neighbours of a square are the ones that share an edge, so for example, the top left corner square has two neighbours.) No square was visited by the ant more than once. The numbers in each of the squares visited by the ant were reduced by 1. The final configuration is shown as above. What was the original number where the ant is standing now?

If you think you know the answer send your solution to recruitment@davinciderivatives.com. The first 5 to send the correct solution will win a Da Vinci Bluetooth speaker!

Da Vinci Derivatives is a unique proprietary trading firm, focussing on volatility arbitrage and market making across major exchanges worldwide. Our philosophy towards work is best captured by "Be good, work hard and great things will happen". We are meritocratic by nature and believe that attracting and empowering talent in our organization is the only way to achieve our ambitious goals.

