



UPCOMING DEFENSES

NOV 17

DEFENSE X. ZHANG
Short term structural performance of self-monitoring composite marine propellers

10:00

DEC 02

DEFENSE EMIEL VAN DE VEN
Topology optimization for additive manufacturing: a front propagation-based approach

15:00

UPCOMING EVENTS

NOV 00

VIDEO COMPETITION
Entire month [November](#)

NOV 18

THESIS PRINTING WEBINAR
Online
12:30 - 13:30

NOV 25

ROUND TABLE DISCUSSION: GENDER IN ACADEMIA
Online
16:00 - 17:00

DEC 09/10

CHRISTMAS EVENT
Date & location will be announced soon!
18:00 - 22:00

LET'S INTRODUCE:

Hello! My name is Iris and I started my PhD in April of this year at the Process and Energy department. My research is focused on the integrated CO₂ capture and electrochemical conversion to ethylene and ethanol. Electrochemical CO₂ reduction has great potential for reducing greenhouse gas emissions and by integrating the capture with the conversion, the costs of the process can be driven down. As of October this year I joined the PhD council, as I wanted to be more involved within the PhD community and make the voices of PhD candidates heard within our faculty. If you have any questions or concerns, do not hesitate to reach out to me!



LET'S SAY GOODBYE...

...to Alina, former president, and Hongpeng, website administrator, who have been active members of the PhD Council for almost 4 years. Thanks for all your efforts and dedication, and best of luck with your future careers!



THANK YOU

WINTERSCHOOL SOFT ROBOTICS

[Tell me more!](#)



31 JAN 2022 - 11 FEB 2022
TU DELFT
Application deadline: 1 Dec



1 GSC FOR PARTICIPATION



FOR MORE INFORMATION

THE 3ME PHD COUNCIL ORGANIZES

3ME VIDEO COMPETITION

WHAT?

EXPLAIN YOUR RESEARCH IN A 3 MINUTE VIDEO.

THE BEST VIDEOS RECEIVE AMAZING PRIZES AT THE PHD COUNCIL CHRISTMAS EVENT.

PRIZES

1. TABLET IPAD
2. HEADPHONES SONY WH-100 XM4
3. E-READER KINDLE OASIS

NEED SOME HELP?

SIGN UP FOR THE **VIDEO-MAKING WORKSHOP** ORGANIZED BY THE NEWMEDIA CENTRE ON NOVEMBER 17TH 9-11

Sign up Here →



UPCOMING EVENTS

THESIS PRINTING WEBINAR

NOV 18

Are you near the end of your phd? Then it is time to start orientating on the do's and don'ts of printing your thesis. This November Gildeprint is back with their thesis printing workshop via a webinar. During this webinar, they will provide information about production methods, the layout (both interior and cover), the delivery of files, we provide insight into the process (including time) and share tips that you will most certainly find helpful. Also you will receive a free information booklet at your home address! Sign up through [this link](#).

Location: online
Time: 12:30 - 13:30

ROUND TABLE DISCUSSION: GENDER, DIVERSITY, AND INCLUSION IN ACADEMIA

NOV 25

On 25th November at 1600h, the 3mE PhD Council will host our second round table discussion, this time on the urgent issue of discrimination (on the basis of race and sex) in academia. We are in the process of enlisting speakers such as the Diversity Officers of TU Delft, and professors with personal experiences to recount. As always, after the presentations, the audience will engage in a round table discussion on the best approach to tackle this problem. Through this session, we aim to spread awareness about the ongoing challenges faced by some researchers due to their identity and discuss possible solutions. Keep your eyes peeled and your ears open for more updates! In the meantime, sign up [here](#).

Location: online
Time: 16:00

PICTURE A SCIENTIST

In light of the Round Table Discussion on Gender, Diversity and Inclusion, we would like to draw your attention to this feature-length documentary film chronicling the groundswell of researchers who are writing a new chapter for women scientists. A biologist, a chemist and a geologist lead viewers on a journey deep into their own experiences in the sciences, overcoming brutal harassment, institutional discrimination, and years of subtle slights to revolutionize the culture of science. From cramped laboratories to spectacular field sites, we also encounter scientific luminaries who provide new perspectives on how to make science itself more diverse, equitable, and open to all. This movie is available to stream free of charge for employees of TU Delft (including PhDs) until the end of this year, and may be accessed by following [this link](#), while logged onto the TU Delft VPN.



SCHOLARSHIPS TO UNITED STATES

Are you interested in going to the US for a part of your PhD? The Fulbright scholarship program awards scholarships to talented Dutch and American students, researchers and teachers who want to spend a period of study, education or research in each other's countries. Below we present an overview of Fulbright grants for the academic year 2022-2023. All these scholarships are currently open for applications!

Fulbright PhD student scholarship

This scholarship is for PhD students who want to spend 3-6 months in the US for their research. The scholarship is \$1,250 per month. The deadline for applications is December 1, 2021.

Fulbright Scholar Scholarship

This scholarship is for scholars who spend a semester in the U.S. and want to provide education, possibly combined with conducting research. The exchange is between \$9,000 and \$13,000. The deadline for applications is December 1, 2021.

If you have any questions about one of these scholarships, contact Fulbright via info@fulbright.nl.

ROUND TABLE DISCUSSION CLIMATE CHANGE & TU DELFT

On 28th October, the 3mE PhD Council organized our first round table discussion of this academic year on the pressing issue of climate change in connection with TU Delft. The session was held in cooperation with GreenTU and featured 3 speakers from different walks of life across the TU. The first speaker was Vanessa Schaller, a student who represents the Green Team of the CEG faculty. Her talk primarily focused on climate action, discussing the steps that TU Delft is taking (and planning on taking) to combat the climate crisis, and highlighting the shortcomings in its commitment and actions. She also delineated the changes to our lifestyle that make the most impact in reducing global warming, while urging people to get involved and act now, since we already have all the tools to contain the problem at our disposal.

The second speaker was Naomi Hubert, the secretary of the board of GreenTU. She introduced GreenTU as a student organization that is dedicated to promoting sustainability in all aspects of the university. She highlighted GreenTU's role as helping the university achieve its own climate goals and stated the organization's vision for the current year. She also covered their impressive past achievements in helping make TU Delft greener, their current efforts in getting teachers involved and setting up grants for sustainable travel for TU Delft students, and their future plans to expand to all faculties and the ambitious task of making TU Delft CO₂ neutral by 2030.

The third and final speaker was Anna Melnyk, a PhD from TPM who researches the interplay of societal values and sustainability. She focuses on attempts to target potential implications of value change through institutional and technical design of energy systems. Anna's research aims to develop design strategies that will better deal with the value change in energy sector. The session was attended by 15 people who then took part in a round table discussion that began with questions posed to the speakers and soon led to fruitful insights on the most impactful ways to fight the climate crisis and the social implications of these actions. The event was well-received by the attendees and the 3mE PhD Council plans to reprise it in the near future!

Lecture e-Refinery

Doug MacFarlane

(School of Chemistry, Monash University)

Towards the Hydrogen – Ammonia Economy



In current discussions of a path to a zero net carbon future, "green hydrogen" features prominently. The dream is capturing abundant but variable renewable resources in a storable and transportable (and exportable) form. This talk will open up a discussion of the concepts, the issues and the possible solutions, including the production and use of ammonia as an energy carrier and fuel. In particular it will delve into recent progress on the Lithium mediated approach to N₂ electroreduction to ammonia.

When Tuesday December 7
Time 09:00h - 10:00h (CEST)
Online Zoom meeting

The login link will be sent after registration via <https://www.aanmelder.nl/129352/subscribe>

CONSULTATION HOURS GRADUATE SCHOOL

If you have any doubts about your PhD trajectory, the number of GS courses you still need to do or the credits you can receive for an online course, Mascha Toppenberg from Graduate School is available for online consultation, every Wednesday from 13.00 till 14.00.

You can reach her via standard Skype: [graduateschool-3me](https://www.aanmelder.nl/129352/subscribe).

or via Skype for Business: m.p.i.toppenberg@tudelft.nl.



A WARM WELCOME TO...

Kanghui He
Filippo Airaldi

DCSC

Abhirath Anand

PE

Joran van der Zwet
Vincent Bos

PME

Jiaxiang Yi

MSE

...AS NEW MEMBERS OF OUR 3ME PHD COMMUNITY!

LET'S STAY IN TOUCH

WHAT TO DO WHEN YOU'RE OVERWHELMED WITH WORK



WWW.PHDCOMICS.COM