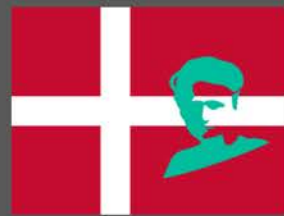




MCAA - Danish Chapter

February 2018 Newsletter



We are happy to present the first edition of the quarterly MCAA Danish Chapter Newsletter. Here, you can catch up on the latest news and events from the Chapter and read up on the research and achievements of fellow alumni.

Meet the Board

The MCAA Danish Chapter Board currently consists of seven members from different institutions across Denmark. You can contact any of us if you have any questions regarding the Chapter. If you are interested in joining us, elections for a new board will be held in November this year.



Maria E. Mondejar (maemmo@mek.dtu.dk). MSC Fellow; Dep. Mechanical Engineering, DTU. *Research:* New sustainable working fluids for the organic Rankine cycle technology. This research, merges knowledge from both mechanical and chemical engineering, and will contribute to the diffusion of the use of renewable energy and industrial waste heat.



Pedro J. García-Moreno (pejeg@food.dtu.dk). Former MSC Fellow; DTU. *Research:* Development of novel strategies to prevent oxidation of omega-3 PUFA, including emulsification nano-microencapsulation, and use of antioxidants. He is also investigating the production of protein hydrolysates/peptides with functional properties, such as antioxidant activity.



Ruth Anderson (ruth.anderson@bio.ku.dk). MSC Fellow; Marine Biology Section; KU. *Research:* Regulation and environmental relevance of feeding in marine micro-algae (mixotrophic phytoflagellates). She focuses on how changing environmental conditions influence micro-algae impact on bacterial communities and the implications for biomass and energy transfer in marine food webs.



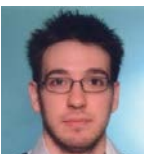
Thomas Paster (paster@sam.sdu.dk; www.thomaspaster.com). MSC Fellow; Dep. Political Science and Public Management, SDU. *Research:* Causes and consequences of economic policy choices. His research project investigates why governments adopt policy changes that reduce the tax burden on the wealthy, with a focus specifically on inheritance tax, corporate tax, and capital gains tax.



Martin Nielsen (marnie@kemi.dtu.dk). Assistant Professor, Former MSC Fellow, DTU Chemistry, DTU. *Research:* Developing molecular materials for a future sustainable society. His lab designs and constructs new materials with unique properties that allow for low-cost production of renewable energy and commodities.



Maria Salud Camilleri-Rumbau (macarum@googlemail.com). Former MSC PhD Fellow; Dep. Chemical Engineering, SDU. *Research:* Membrane technologies for obtaining concentrated fertilizers and clean water from farm effluents. She is currently a R&D membrane application engineer in a biotech company manufacturing biomimetic membranes for water treatment.



Andrea Fasano (andreafasano.af@gmail.com). Former MSC Early Stage Researcher; Dep. Mechanical Engineering, DTU. *Research:* Materials science, non-Newtonian fluid mechanics, product design and development, manufacturing engineering, surface and chemical engineering, sensing systems and fiber optics.



Luca Tateo (luca@hum.aau.dk). Scientific migrant, former MSC fellow, and associate professor at Aalborg University, believing in the free circulation of people and ideas without frontiers. *Research:* epistemology and methodology of cultural psychology, study of imagination, applications in the development of new forms of education and technology.



MCAA Danish chapter Kick-off Meeting

The MCAA Danish Chapter was officially presented at kick-off meeting that took place in November at Aquaporin A/S headquarter in Kongens Lyngby, 12 km north of Copenhagen. Our chairwoman, Maria E. Mondejar, opened the meeting by presenting our vision and summarizing our achievements to date, including the fact that we had reached 48 members within a few weeks after the chapter was founded!

Two invited speakers shared their business experience in science and gave important insights into research and innovation. The first speaker, Michael H. Møller from Aquaporin A/S, introduced the Aquaporin success story as a real-world example of how purely academic research can be transformed into a thriving business. The second speaker, Caroline Arends from Lyngby Vidensby, gave an interesting presentation on innovation and science as drivers for urban development and economic growth.

These fascinating talks were followed by a presentation on career paths in industry after an MC fellowship given by our board member and current employee at Aquaporin A/S, Salud Camilleri-Rumbau. The meeting was closed with a session of 1-minute presentations by other MCAA Danish chapter members (including the board), a nice dinner and a tour around Aquaporin premises. Thank you to all the participants and speakers, it was fun!



DTU Sustain Conference

The MC Danish Chapter was present at the Sustain Conference on the 6th of December 2017 (<http://www.sustain.dtu.dk/>). The conference had over 300 participants with 170 presenters covering sustainability within a wide range of topics (food resources, energy, water, bioeconomy, smart cities, etc). The chapter gained visibility at this event and attracted more members. In addition, several MC fellows presented their research work at this conference and networking took place during lunch and posters sessions.



MCAA Annual Conference and General Assembly

We participated at the Annual Conference of the Marie Curie Alumni Association in Leuven (Belgium) on February 2nd and 3th, 2018. The conference included panels and workshops on topics like career development, bridging science and business, application writing for the MCFA IF and ERC grants, and work-life balance in research. At the General Assembly on February 3rd, the MCAA members elected the new executive board of the association. The new chair of the board is Matthew DiFranco. He is a computational imaging scientist and works at the University of California, San Francisco.

He did an MSCA Individual Fellowship at the Medical University of Vienna (2012-2014). The conference ended on Saturday evening, with a guided tour through the beautiful streets of the old town of Leuven. Next year's MCAA Annual Conference will be organized by the Austrian Chapter and will take place in Vienna.





News from our alumni



Villum Young Investigator Grant to Luca Camilli. In 2012, the Velux Foundations launched the Villum Young Investigator Programme. Since then, 129 young researchers have been granted a total of approximately 783.1 M DKK to start their own research groups. This year, one of our members – Luca Camilli – was one of the winners of this prestigious programme. In the next four years, he will focus his research on silicene, the only two-dimensional material which is inherently compatible with the current technology.

The main goals will be unveiling silicene's electronic properties, and establishing a robust platform for studying and developing silicene transistors. In the framework of this project, called "Two-dimensional silicon for electronics", Luca will recruit one postdoc, one PhD student, and purchase new equipment, thus laying the foundation for his own research group. lcam@nanotech.dtu.dk

Upcoming events



Annual Meeting of The MCAA Danish Chapter - Spring 2018 in Copenhagen (exact date and location to be announced). We are excited to announce our first annual meeting open to all our members! This year we will focus on funding options in academia, with a workshop on application writing and seminars on the different funding agencies in Denmark.

In addition, there will be a poster session and plenty of opportunities to network with fellow alumni. This is a great opportunity to gain insights into exciting new research going on in multiple fields and across Danish institutions and industries. More information will come soon to our members, and travel grants will be available.

Further, we plan to extend our activities by organizing local seminars at different institutions in Denmark. If you have a suggestion, you are most welcome to contact Maria E. Mondejar at: maemmo@mek.dtu.dk

External events:

'Inspiration day' Monday April 9th at Aarhus University for interested ERC Starting and Consolidator Grant applicants. This will include a question session where you can meet Klaus Bock and Martin Penny from ERC. ([see here](#))

Contact us

Have some comments or suggestions on the newsletter? Want to increase visibility of your research profile, communicate news or exciting new results or advertise an event or job opportunity? Contact Ruth Anderson at: ruth.anderson@bio.ku.dk.

You can also find the Chapter on Facebook: <https://www.facebook.com/MarieCurieDenmark/> and on LinkedIn: <https://www.linkedin.com/groups/12076708>