

Invitation to Celebratory Lecture and reception

40 years of Service to Computer Science /by Michael E. Caspersen

Time: Friday the 24th of January 2025, 2-4 pm.

Place: INCUBA Next 18.1-2



Center for Computational Thinking and Design (CCTD) at Aarhus University invites participants, colleagues, and collaborators to a celebratory lecture and event honoring Michael E. Caspersen's contributions to research in computer science education in Denmark and internationally.

In 2022, Caspersen was awarded the [ACM Karl V. Karlstrom Outstanding Educator Award](#). ACM (Association for Computing Machinery) is the world's largest educational and research community within computer science. In recognizing Caspersen, ACM highlighted his contributions to research and his political efforts, both nationally and internationally, to promote computer science education for all, as well as his outstanding contributions to the global computer science education community.

In 2024, Caspersen received the [ACM SIGCSE Award for Outstanding Contribution to Computer Science Education](#).

CCTD wishes to extend special thanks to Michael for his pivotal contributions to advancing informatics education in Denmark through significant roles in the Danish Academy of Technical Sciences, the Alliance for Digital Technological Understanding, the Knowledge Center for Digital Technological Understanding, and as the founder of CCTD.

Michael is a truly remarkable person who has inspired and continues to inspire many within his field, making it a great pleasure to celebrate his awards with him.

On the day of the event, Michael will share (a variation of) his ACM keynote; afterward, we will offer bubbles and refreshments.



[Michael E. Caspersen](#) is the Director of It-vest and an Honorary Professor at the Department of Computer Science at Aarhus University, where he celebrated his 40th anniversary in public service in 2024.

He has published more than 70 scientific articles on computing education, co-authored a textbook on programming, and co-edited *Reflections on the Teaching of Programming*, published by Springer-Verlag in 2008. This groundbreaking collection addresses various aspects of teaching programming.

Since 2008, Caspersen has been deeply involved in the development of the new informatics curriculum for upper secondary education and the associated professional development programs for teachers. At the personal invitation of the Minister of Education, he played a central role as one of the co-chairs of the group responsible for developing the pilot subject *Technology Comprehension* for primary and lower secondary education. Currently, he is a member of the European Commission's expert group on developing *Guidelines for High-Quality Informatics*.

He is a co-founder and Chair of the Informatics for All coalition, has co-chaired Informatics Europe's standing committee on education research, and co-chaired the Committee on European Computing Education, jointly established by ACM Europe and Informatics Europe.

In 2022-2023, he served as a special advisor on digital education to the Executive Vice President of the European Commission, Margrethe Vestager.

Invitation til festforelæsning og reception

40 år i datalogiens tjeneste, /v. Michael E. Caspersen

Tid: Fredag den 24/1-2025, kl. 14-16

Sted: INCUBA Next 18.1-2



Center for Computational Thinking and Design (CCTD), Aarhus Universitet, inviterer deltagere, kolleger og samarbejdspartnere til festforelæsning og fejring af Michael E. Caspersens bidrag til forskning indenfor datalogi-undervisning i Danmark og internationalt.

I 2022 blev Caspersen tildelt [ACM Karl V. Karlstrom Outstanding Educator Award](#). ACM (Association for Computing Machinery) er verdens største uddannelses- og forskningsfællesskab indenfor datalogi. I udnævnelsen af Caspersen lagde ACM vægt på hans bidrag til forskning og hans politiske arbejde nationalt og internationalt for at fremme undervisningen i informatik for alle, samt hans fremragende bidrag til det internationale fællesskab inden for datalogiuddannelse.

I 2024 blev Caspersen tildelt [ACM SIGCSE Award for Outstanding Contribution to Computer Science Education](#).

CCTD ønsker særligt at takke Michael for hans afgørende bidrag til at udvikle informatikfagligheden i Danmark gennem betydningsfulde poster i Akademiet for de Tekniske Videnskaber, Alliancen for Digital Teknologiforståelse, Videnscenter for Digital Teknologiforståelse og som grundlægger af CCTD.

Michael er en helt særlig person, som har inspireret og fortsat inspirerer mange indenfor sit felt, derfor er det en stor fornøjelse at kunne fejre hans priser sammen med ham.

På dagen vil Michael dele (en variant af) sin ACM-keynote; herefter byder vi på bobler og forfriskninger.



[Michael E. Caspersen](#) er direktør for It-vest og æresprofessor ved Institut for Datalogi på Aarhus Universitet, hvor han i 2024 kunne fejre sit 40-års jubilæum i statens tjeneste.

Han har publiceret mere end 70 videnskabelige artikler om 'computing education', er medforfatter til en lærebog om programmering og medredaktør af *Reflections on the Teaching of Programming*, udgivet af Springer-Verlag i 2008, som er en nyskabende samling af bidrag, der adresserer aspekter af undervisning i programmering.

Siden 2008 har Caspersen været stærkt involveret i udviklingen af det nye informatikfag i gymnasiet og den tilknyttede efteruddannelse af gymnasielærere. På personlig invitation fra undervisningsministeren har han spillet en central rolle som den ene del af formandskabet for gruppen, der udviklede forsøgsfaget teknologiforståelse til grundskolen. Aktuelt er han medlem af EU-Kommissionens ekspertgruppe til udvikling af 'guidelines for high-quality informatics'.

Han er medstifter af og formand for Informatics for All-koalitionen, har delt formandskabet for Informatics Europe's permanente arbejdsgruppe for uddannelsesforskning og ligeledes delt formandskabet for Committee on European Computing Education, etableret i fællesskab af ACM Europe og Informatics Europe.

I 2022-2023 fungerede han som særlig rådgiver inden for digital uddannelse for ledende næstformand for Europa-Kommissionen, Margrethe Vestager.