

digital futures

NEWSLETTER MAY 2021



Photo: Unsplash

EXTREMUM is bringing together expertise from different fields of science – machine learning, law and healthcare

The purpose of EXTREMUM is to provide a set of novel methods and tools that can achieve good trade-offs between predictive performance and explainability in healthcare applications, explains Panagiotis Papapetrou, PI of EXTREMUM at Digital Futures.

[Full article on EXTREMUM and Panagiotis Papapetrou, PI at Digital Futures](#)



Photo: Unsplash

Digitalization could be more widespread if solutions and systems were better adapted

The gap between those who use the Internet and those completely outside digitalization is noticeable. In 2021, Digital Futures will make a special effort to understand better how digitalization has affected the elderly and increased Internet use in the study Digital Futures for Later Life.

[Full article on research project Digital Futures for Later Life.](#)



Britt Östlund, Photographer Mikael M Johansson

Making robots our friends who truly support our lives is a challenge

Meet Britt Östlund, Professor and Head of Division of Technology in Health Care at KTH. Britt is also an Associate Director, Societal Engagement and Co-PI of research project Advanced Adaptive Intelligent Systems (AAIS) at Digital Futures.

[Full article with Britt Östlund](#)

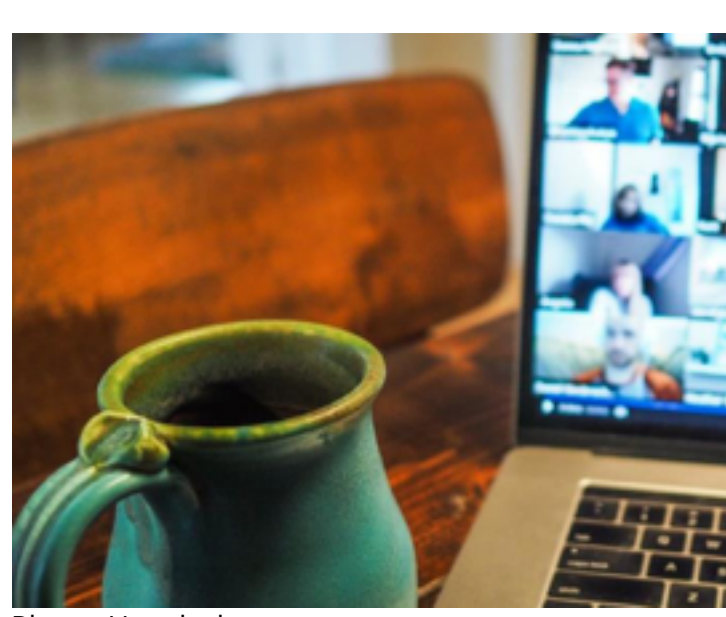


Photo: Unsplash

Archive – recorded talks

Did you miss any of all the great lectures, curtain talks, Fly-high Fika or Dive-deep lunch seminars?

Not to worry. In **Archive - recorded talks**, you can watch most of our talks again.

[Archive - recorded talks](#)

[Subscribe to Digital Futures Youtube channel](#)



Foto: Unsplash

Seminarium – MOD ATT SAMVERKA – så tar vi oss an utmaningar med samverkan för att utveckla offentlig sektor

Hur kan akademi, näringsliv och offentlig verksamhet i vår tid arbeta tillsammans för att dra nytta av digitaliseringen och stimulera hållbar samhällsutveckling? Hur kan vi gemensamt ta fram skalbara digitala lösningar som förbättrar och underlättar för invånarna? Det här är frågor som många kommuner och regioner tampas med.

Inom ramen för Digital Futures och innovationssamarbetet Digital Demo Stockholm inbjuds du till seminarium där vi delar med oss av våra erfarenheter den 11 juni, 13.00-14.30, via Zoom.

Seminarieriet MOD ATT SAMVERKA bjuder på lärdomar från Region Stockholm, Stockholms stad, näringsliv och akademi. Hur löser man samhällsutmaningar i kommun eller region? Vilka frågeställningar och insikter är viktiga att ta hänsyn till? Hur får man igång ett samarbete med olika aktörer? Låt dig inspireras och få möjlighet att utbyta erfarenheter!

Note that this seminar is in Swedish.

[Länk till PROGRAM och ANMÄLAN](#)

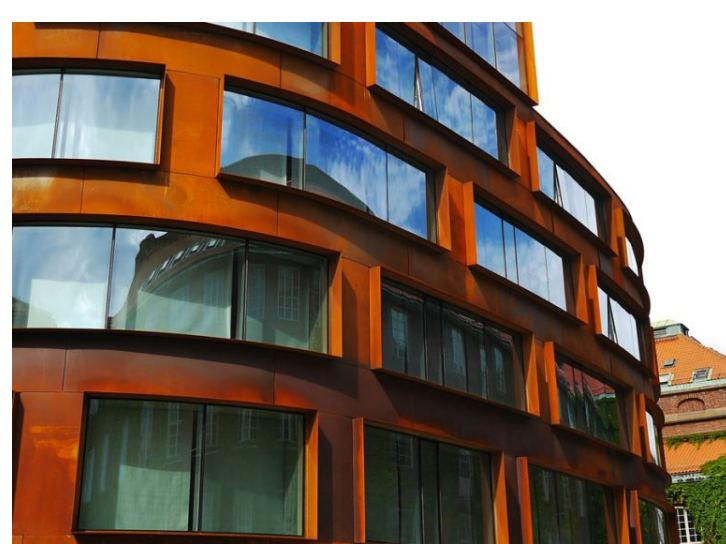


Bengt Ahlgren

Research can take very different paths and directions

Meet Bengt Ahlgren, Senior Researcher at RISE Research Institutes of Sweden and Associate Director for Testbeds and Data at Digital Futures. Bengt is also a Co-PI of the research project DEMOCRITUS.

[Bengt Ahlgren - senior researcher...](#)



Digital Futures hub at KTH

Open call: First call for Digital Futures 'Scholar-in-Residence' programme

The funding aims to support academics who wish to benefit from a sabbatical within Digital Futures.

Application by June 8th, 2021.

[First call for Digital Futures 'Scholar-in-Residence' programme](#)



Foto: Unsplash

Already nine Postdoc projects at Digital Futures

Postdoc projects are part of the Digital Futures mobility program for talented early-career researchers from all over the world, who should bring new expertise to the environment.

[More about the postdocs conducting research of the highest quality](#)



Painting the digital future – a vision of 2040!

Through digital transformation, we have the opportunity to impact our future positively. In a perfect world, how will we live, work and play in 2040? Digitalize in Stockholm is an annual conference for global thought leaders and rising stars in academia, industry, government, and civil society – all engaged in transformation through digitalization.

[Sign up for news and pre-register on Digitalize in Sthlm 2021 website](#)

Upcoming lectures and seminars

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May
12:00 - 13:00 CEST (UTC +2)

DIVE-DEEP LUNCH SEMINAR

Speaker: Haoran Sun, University of Minnesota, Minneapolis
Title: Recent Advances in Distributed Non-Convex Optimization and Learning

[Read more](#)

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June
15:00 - 16:00 CEST (UTC +2)

FLY-HIGH FIKA SEMINAR

Speaker: Fábio Duarte, MIT
Title: Unveiling urban phenomena through digital traces

[Read more](#)

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June
15:00 - 16:00 CEST (UTC +2)

FLY-HIGH FIKA SEMINAR

Speaker: Jelena Diakonikolas, University of Wisconsin-Madison
Title: Structure in Min-Max Optimization (and How to Use It!)

[Read more](#)

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June
12:00 - 13:00 CEST (UTC +2)

DIVE-DEEP LUNCH SEMINAR

Speaker: Emil Björnson, KTH Royal Institute of Technology
Title: Evolving Mobile Broadband Connectivity Towards 6G

[Read more](#)

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June
15:00 - 16:00 CEST (UTC +2)

FLY-HIGH FIKA SEMINAR

Speaker: Claire Ingram Bogusz, Uppsala University
Title: Two conflicting hats: Using a platform trade association to resolve gig work role conflicts

[Read more](#)

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June
15:00 - 16:00 CEST (UTC +2)

FLY-HIGH FIKA SEMINAR

Speaker: Sridevi Sarma, Johns Hopkins University
Title: Using Dynamic Network Models and their Properties to Improve Treatment of Epilepsy

[Read more](#)

About us

Digital Futures is a cross-disciplinary research center that explores and develops digital technologies. We bring solutions to great societal challenges, in Sweden and globally. We generate knowledge, innovations and future leaders of high industrial relevance and strategic importance. Digital Futures is jointly established by KTH Royal Institute of Technology, Stockholm University and RISE Research Institutes of Sweden.

www.digitalfutures.kth.se

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