

digital futures

NEWSLETTER APRIL 2022

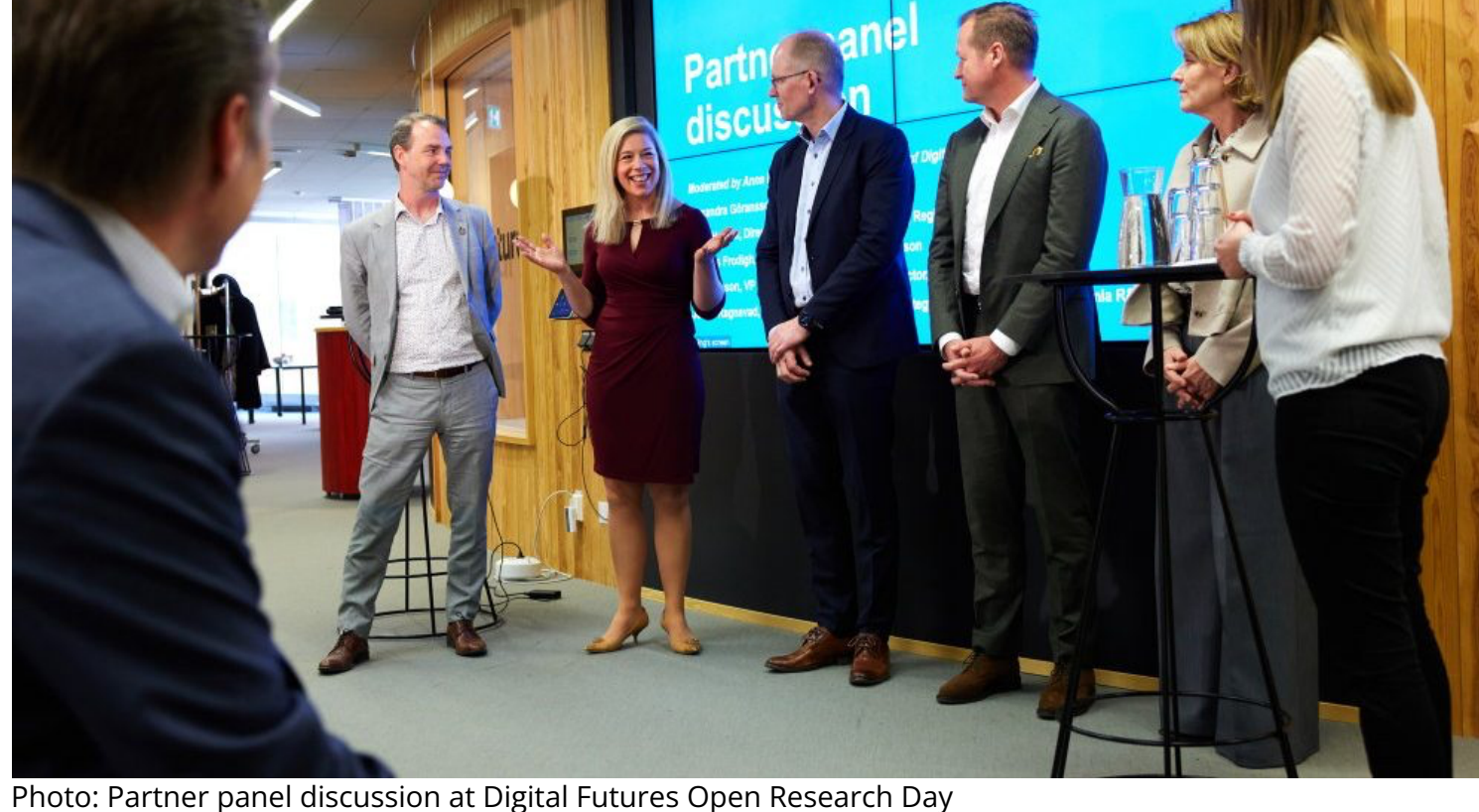


Photo: Partner panel discussion at Digital Futures Open Research Day

The Industrial & Societal Partnership Program is launched

At the Digital Futures Open Research Day on 21 April, Digital Futures launched the Industrial and Societal Partnership Program (ISPP) and welcomed the City of Stockholm, Region Stockholm, Ericsson, Scania and Skanska as new partners...

[Launch of Digital Futures Industrial & Societal Partnership Program](#)

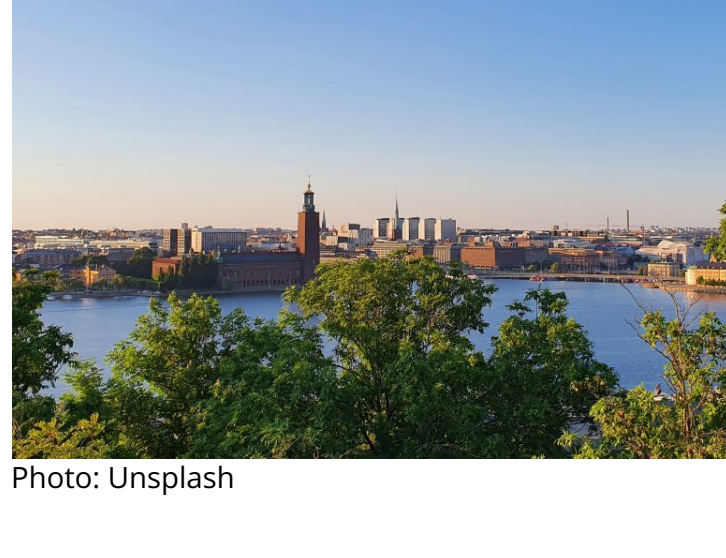


Photo: Unsplash

Open call: Digital Futures Summer Research Internships (SRI) Programme

Students on the bachelor's and master's levels will get the opportunity to conduct research under the guidance of researchers affiliated with Digital Futures. **Application deadline:** May 15, 2022.

[Apply for SRI Programme](#)



Yifang Ban

Meet Yifang Ban – Associate Director for Dissemination & Impact at Digital Futures

When Yifang Ban took a course on remote sensing she fell in love with the amazing images of Earth from space...

[Yifang Ban – Associate Director](#)



Photo: Unsplash

GeneDisco Challenge for machine learning-enabled Drug discovery on 29 April

Digital Future faculty member Stefan Bauer is organising a Machine Learning for Drug Discovery Workshop and the GeneDisco Challenge on Friday 29 April...

[GeneDisco Challenge on 29 April](#)



Photo: Unsplash

Digital Futures for Education: Back to the future! What do universities look like in 2040?

A new series of conversations and events that bring together key actors from academia, civil society, and the private and public sectors...

Date and time: 25 May 2022, 13:00 – 14:30 CEST (UTC+2)

Where: Online – Zoom link will be distributed upon registration

[More information and registration](#)

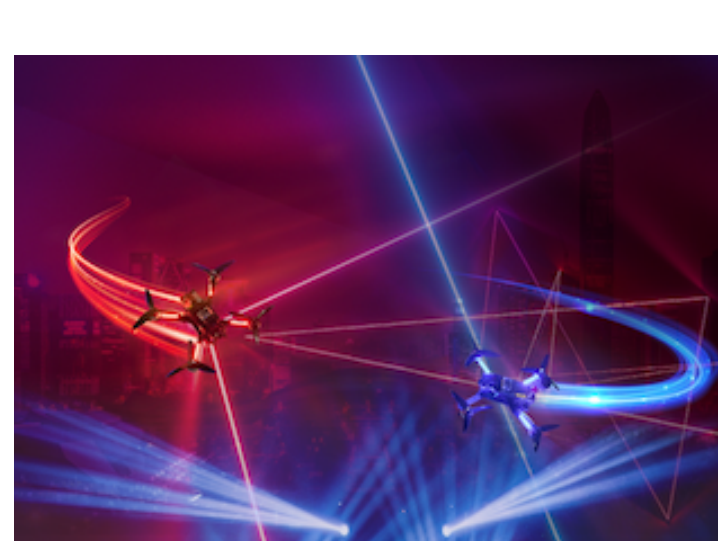


Photo: Unsplash

Call for Participation: Inaugural Drone Challenge at the Digital Futures Drone Arena

Come join the Inaugural Drone Challenge at the Digital Futures Drone Arena, a one-of-a-kind hackathon with aerial drone technology!

Date: June 15-17, 2022

Where: KTH's Reactor Hall in Stockholm

[Inaugural Drone Challenge 15-17 June](#)

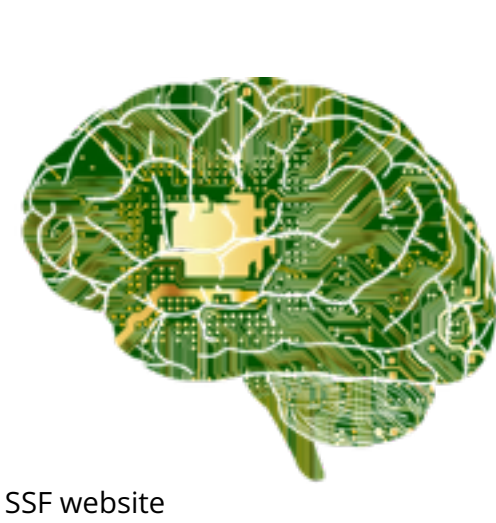


Photo: SSF website

Digital Futures Faculty members receive grants in "Future Software Systems"

Benoit Baudry, Emil Björnson and Carlo Fischione are among the awarded...

[SSF Future Software Systems grants](#)



Stefanos Georganos

Meet Stefanos – specialized in machine learning and Earth Observation

Stefanos Georganos is a research fellow at the Division of Geoinformatics, KTH Royal Institute of Technology. He does research in quantitative human geography, remote sensing, spatial epidemiology and machine learning...

[Meet Stefanos Georganos](#)



Photo: Unsplash

"Millimeter-wave communications have received remarkable attention from academia and industry"

Deyou Zhang is a Digital Futures Postdoc at the School of Electrical Engineering and Computer Science of KTH, supervised by Dr Ming Xiao, Prof. Lihui Wang, and Dr Zhibo Pang...

[Meet Deyou Zhang](#)

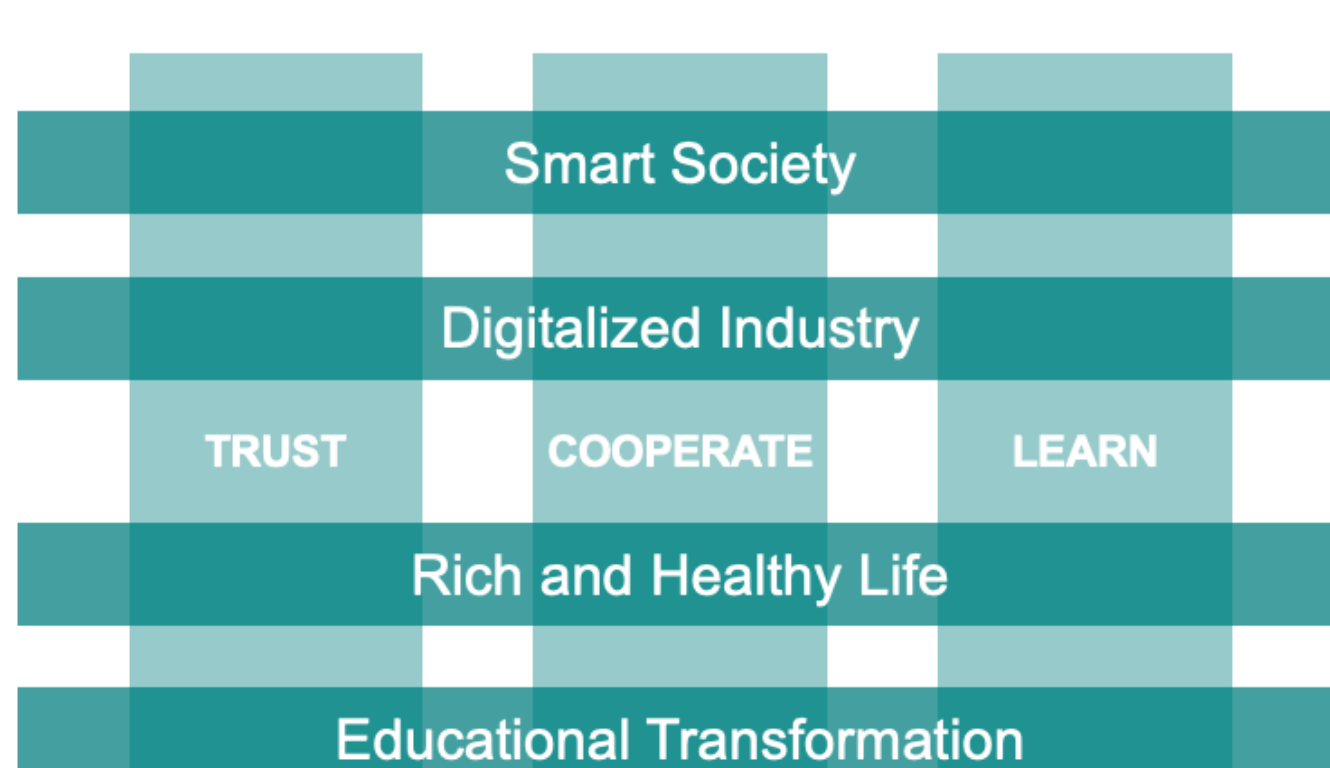


Photo: Unsplash

Announcing new call: 1-2 Partner Postdoc Fellows in Environmental impacts of digitalization based on LCA

Independent research and collaboration with researchers and actors with different roles in digitalization, primarily from academia and companies...

[Information and application process](#)



Digital Futures Strategic Research Programme

REMINDER! Open Calls for Societal Innovation, Industrial Innovation & ISPP Demo Projects

[1st call for Industrial and Societal Partnership Program \(ISPP\) Demo Projects](#)

[2nd call for Industrial Innovation Projects](#)

[2nd call for Societal Innovation Projects](#)

Proposal Submission Deadlines: 3 April 2022, 13 June 2022

Expected Start of Projects: 1 July 2022 or 1 January 2023

[Digital Futures announcing...](#)

Upcoming events

26

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

FLY HIGH SEMINAR

Speaker: Magnus Olsson, Huawei Technologies, Stockholm Research Center, Sweden

Title: Energy Saving and Emission Reduction in Wireless Networks

[Read more](#)

28

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

DIVE DEEP SEMINAR

Speaker: Francisco J Peña, Stockholm Universitet, Digital Futures postdoc

Title: Deep Wetlands – Quantifying water extent changes of wetlands with deep learning

[Read more](#)

03

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

FLY HIGH SEMINAR

Speaker: Christian Borch, Copenhagen Business School

Title: Machinic Interaction: A Sociological Approach

[Read more](#)

05

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

DIVE DEEP SEMINAR

Speaker: Dr Oscar Brousse, University Collegee London

Title: Crowdsourcing, community-efforts, and urban climate studies

[Read more](#)

10

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

DISTINGUISHED LECTURE

Speaker: George Em Karniadakis, Brown University, MIT & PNNL

Title: From Neural PDEs to Neural Operators: Blending data and physics for fast predictions

[Read more](#)

12

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

DIVE DEEP SEMINAR

Speaker: Jon Wang, University of Twente

Title: Deriving information from space for urban environmental risk management

[Read more](#)

17

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

FLY HIGH SEMINAR

Speaker: Oskars Ozoliņš, Kista HST-Lab, RISE

Title: High Baudrate Short Reach Optical Caudration for Datacenters

[Read more](#)

More

...seminars are planned for May...

FLY HIGH & DIVE DEEP

Keep track by checking out the event calendar

[Digital Futures' calendar](#)

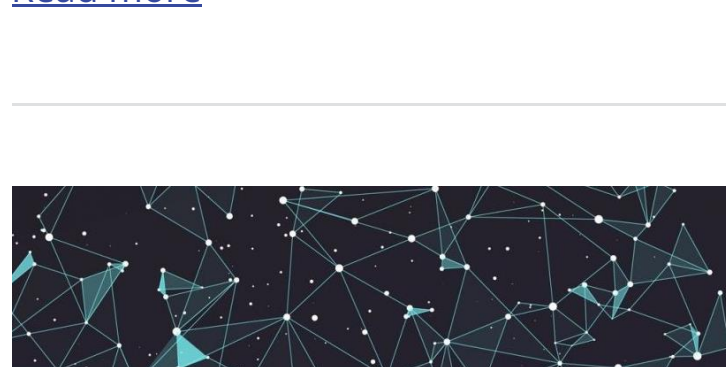


Photo: Unsplash

BrainNet workshop 23-24 May

Date and time: 23-24 May 2022.

Where: Digital Futures hub, Oskars Backe 5, floor 2 at KTH main campus

Participation by registration only!

[Information and registration](#)

!!!

Recorded talks

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](#)

2022

stay tuned...

SIGN UP FOR INVITATIONS

Distinguished lectures, Curtain talks, Fly High and Dive Deep lunch seminars... Look forward to many more exciting seminars, workshops and distinguished guest speakers during 2022.

[Sign up for event invitations here](#)

[Subscribe to Digital Futures Youtube channel](#)

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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