

digital futures

NEWSLETTER DECEMBER 2021

Information, innovation and inspiration!



Season's Greetings from all of us to all of you!

It's been a turbulent but also amazing year! Thanks to all for your hard work over the last year in ramping up Digital Futures into one of Europe's leading research environments focusing on the sciences for digital transformation. Let me take this opportunity to reflect on a few highlights from 2021 and some coming activities in 2022...

[Season's greeting from Karl H Johansson, Director Digital Futures](#)

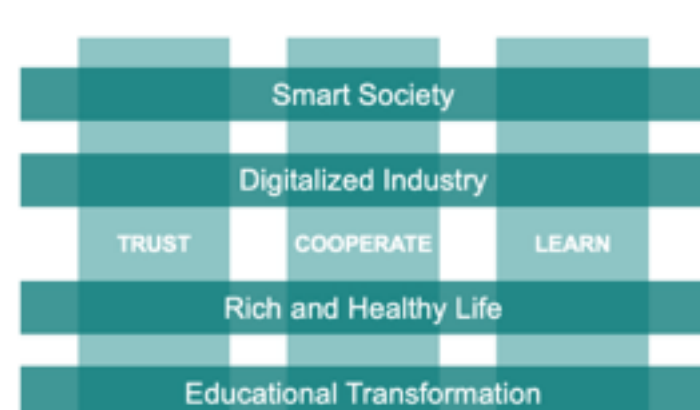
OPEN CALLS



OPEN CALL: C3.ai DTI Announces 3rd Call for Proposals – AI to Transform Cybersecurity & Secure Critical Infrastructure

Topic aims to advance foundational AI/ML techniques, tools, and methods to combat cyberattacks, insider threats, security breaches, vulnerability exploitation, and organizational challenges in securing information technology (IT), operational technology (OT), and critical infrastructures.
CALL CLOSES: 7 February 2022
Q&A session: 18 January 2022

[More information and How to apply can be found here](#)



Digital Futures Strategic Research Matrix

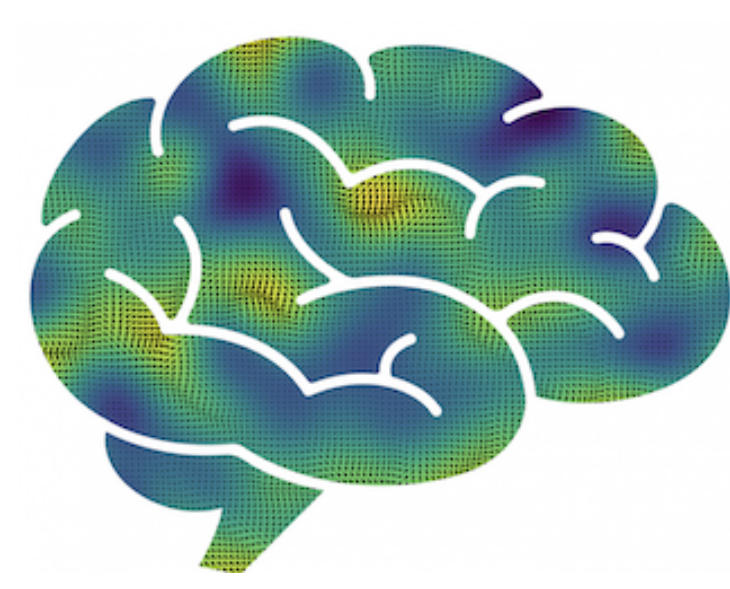
OPEN CALL: Diversity & Inclusion projects 2022 - focus on Digital transformation for people with cognitive disabilities

Digital Futures welcome applications from researchers at KTH schools and Stockholm University (SU) to collaborate on projects targeting improved diversity and inclusion of persons with cognitive disabilities.

CALL CLOSES: 31 January 2022
Q&A session: 12 January 2022

[More information and How to apply can be found here](#)

News & Stories



We need a much stronger interaction between Neuroscience, Machine Learning and Mathematics...

...therefore, neuroscientists Arvind Kumar at EECS KTH and Srikanth Ramaswamy at Newcastle University and AI expert Saikat Chatterjee at EECS KTH joined hands to organize the MAIN meeting...

[More about MAIN meeting...](#)



Vandana Kabilan, Sandvik

Digital shift – Data driven decision making at Sandvik

At Digitalize in Stockholm 2021, one of the industrial and societal panels was hosted by Sandvik together with Seco Tools. Digital Futures had a chat with the moderator Vandana Kabilan Tekn. Dr., Head of Digital Solutions, Sandvik Rock Tools Services...

[More on data driven decision making](#)

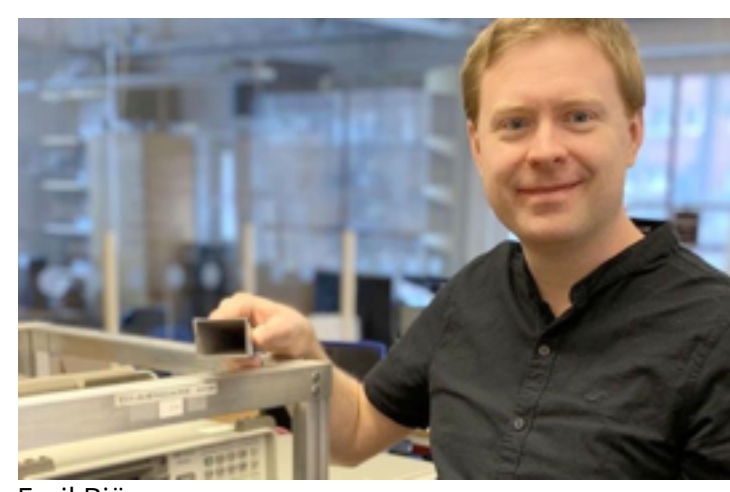


Some of the 30 postdocs gathering at Digital Futures

Games and gathering – postdoc networking event at the hub!

On 29 November Digital Futures hosted the first onsite Postdoc Networking event. Some 30 postdocs gathering at the hub were welcomed by the Digital Futures Operations team and Madeline Balaam, Associate Director for Mobility at Digital Futures...

[Postdoc event at the hub](#)



Emil Björnson

Congratulations Emil Björnson – elevated IEEE fellow 2022!

Associate Professor at Linköping University and visiting full professor at the KTH, Björn was the first recipient of the Digital Futures Fellowship for strategic strategy recruitment. Now he is an elevated IEEE Fellow 2022...

[Emil Björnson elevated IEEE fellow 2022](#)



Viktoria Fodor welcomes participants to the DEMOCRITUS workshop

30 percent of potable water is lost because of leakages – DEMOCRITUS aims to solve the problem

Multiple key stakeholders met at Digital Futures on 24 November to share their different perspectives and jointly find innovative solutions for more efficient use of water...

[DEMOCRITUS workshop at the hub](#)



Paulina Modlitba, Karl H Johansson and Magnus Frodigh kick off Digitalize in Stockholm 2021

Thanks for the positive feedback!

Digitalize in Stockholm was a great success with over 650 participants. A survey shows that participants would recommend the event to a friend or colleague, that it very well met expectations and that a hybrid event would be preferred next year!

[Revisit the program and watch the recorded talks, panels, and research breakouts again!](#)

Upcoming events

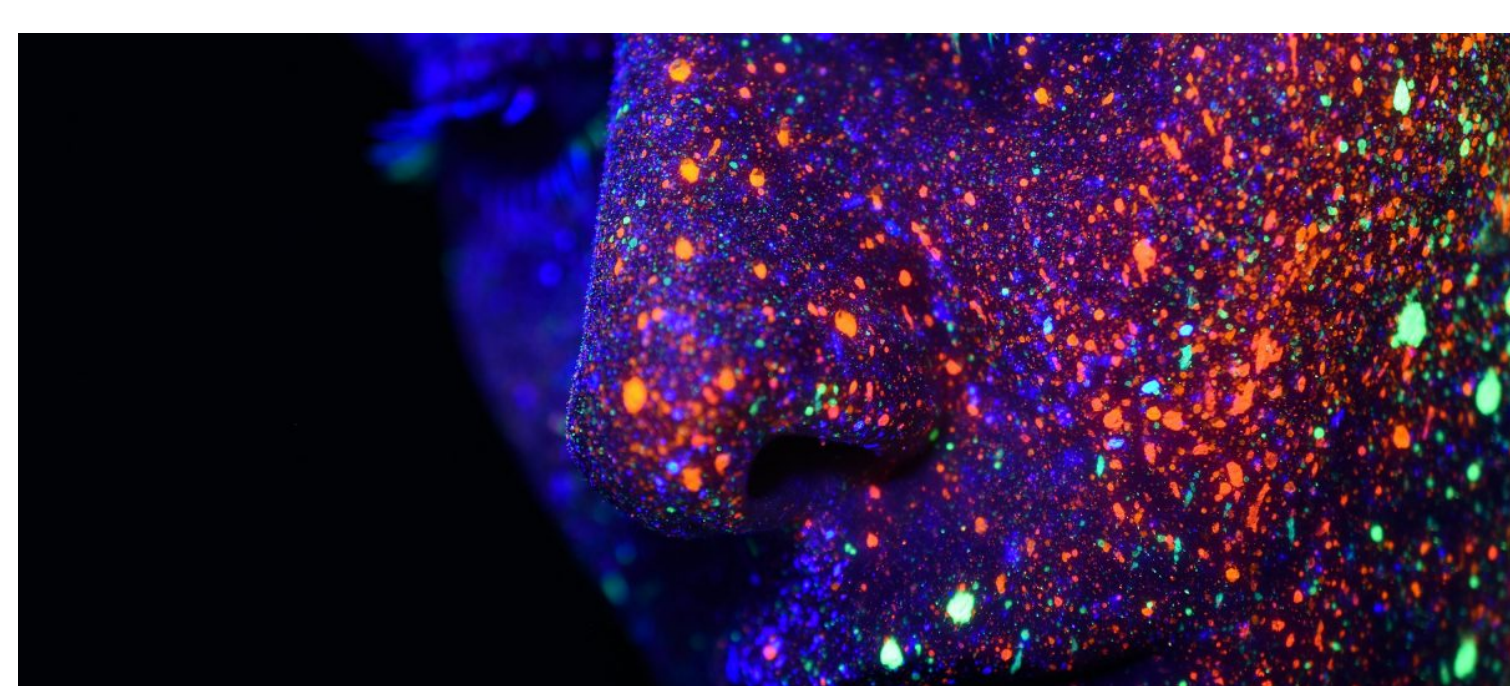


Photo Unsplash

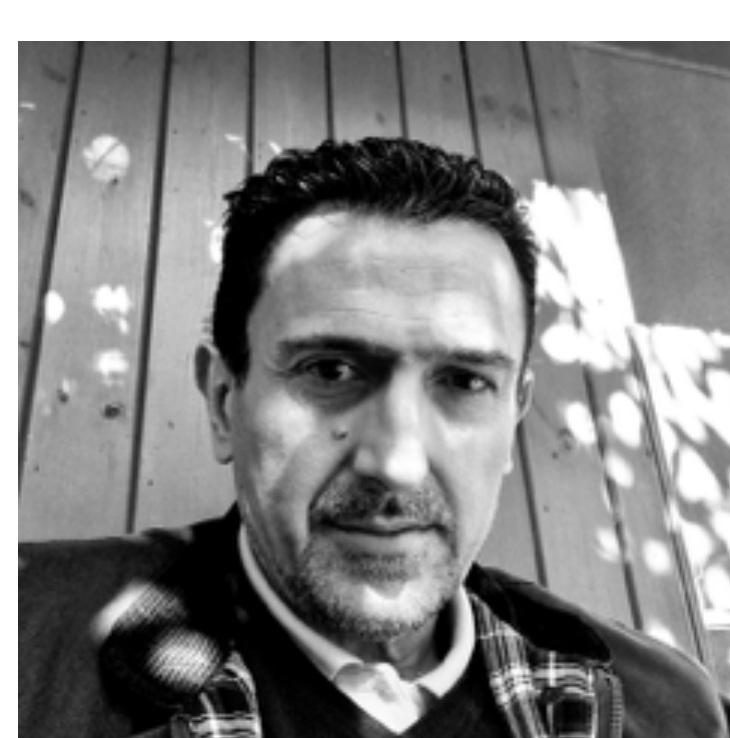
Machine Learning day

Date and time: 17 January 2022, 08:50 – 17:00 CET

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

You can register for the event no later than 10 January 2022

[For information and registration read more here](#)



Professor Saša V. Raković

2-week winter course on Tube Model Predictive Control

When: 17-21 and 24-28 January 2022

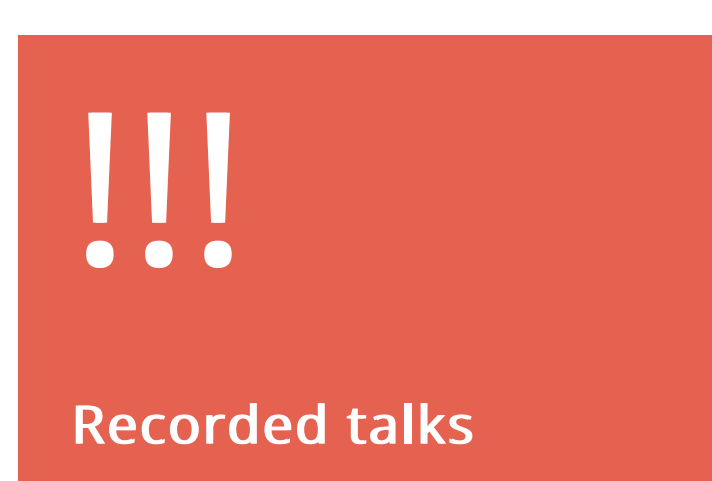
Course lecturer: Professor Saša V. Raković, Beijing Institute of Technology, Beijing, China

Where: Hybrid event on KTH Campus, Stockholm and Zoom

Lectures: 09:00-10:00

Exercises in the afternoon – see the program

[For registration, location and program](#)

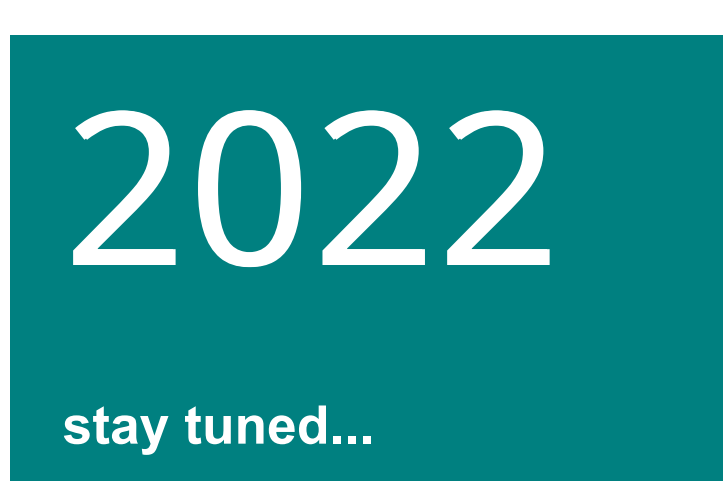


Archive – recorded talks

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](#)



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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