

digital futures

NEWSLETTER OCTOBER 2023



Digitalize in Stockholm 2023

Moderator Beata Wickborn, together with the Chairs of the programme committee for the event, Air Lamminen, Associate Professor at Stockholm University and Aristides Gionis, Professor at KTH Royal Institute of Technology.

Digital transformation requires collaboration on all levels...
...from human-machine teaming to interdisciplinary and cross-sectoral interactions. The theme of "Collaboration and Conflict" took centre stage at Digitalize in Stockholm 2023, where a lineup of renowned keynote speakers and thought leaders shared their knowledge and experiences. During the two days of the event, these experts shed light on the challenges and opportunities presented by digitalization, offering valuable insights into how businesses and individuals can navigate this rapidly changing landscape.

Digitalize in Stockholm 2023 was not only a platform for knowledge sharing but also a place for hands-on learning. Onsite demonstrations provided attendees with the opportunity to explore emerging technologies firsthand.

Did you miss the event, or would you like to listen to Keynote talks, Panels and Research presentations again? Visit Digital Futures Youtube playlist: [Digitalize in Stockholm 2023](#) - link in the article below.

[Find out more and get the link to YouTube Playlist - Digitalize in Stockholm 2023...](#)

NEWS



Photo: Unsplash

Use of AI and ML can drive new knowledge about how the Earth system works

Three recently published articles involving Digital Futures Faculty members Georgia Destouni, Zahra Kalantari and Carla Ferreira show how AI and ML use can drive new knowledge about how the Earth system works and how climate extremes (in these cases, drought) can be predicted around Sweden and the world...

[Use of AI and ML can drive new knowledge about how the Earth system works](#)



Photo: KTH Professor Yifang Ban at Google Mountain View campus, California, U.S.

Digital Futures Researchers Received Google Impact Award

At Google's 2023 Geo for Good Summit, Digital Futures Faculty, Professor Yifang Ban and her team were honoured with the Google Geo for Good Impact Award. This recognition highlights their remarkable contributions to wildfire monitoring urban mapping and urban risk assessment for enhanced urban resilience and sustainability in the face of climate change and extreme events.

[Digital Futures Researchers Received Google Impact Award](#)

Digital Futures Faculty Workshop



Photo: Unsplash

Digital Futures Faculty Workshop 22 Nov, 2023

Registration will be open for Digital Futures faculty members. Look forward to an in-person event with exciting talks, discussions, and time to mingle and enjoy refreshments and dinner!

Read more about Digital Futures faculty and how to become a member [HERE](#).

[Digital Futures Faculty Workshop](#)

Open Calls



Photo: Unsplash

Open call: Scholar-in-Residence programme

Providing scholars at non-Swedish universities with financial support to enable short and longer-term visits to Digital Futures. How this time away from a home institution is used is flexible and for the scholar-in-residence to decide. Applications are possible every three months.

Next deadline: 27 November 2023

[Scholar-in-Residence programme](#)



Photo: Unsplash

Announcing call: Digital Futures 2024 Summer - Early Career programme

Providing early career scholars at non-Swedish universities with support to enable short and mid-term visits to the Digital Futures environment (minimum 1 month, maximum 5 months) during May to September 2024.

Submission deadline: 1 Dec 2023

[Open call: 2024 SEC programme](#)



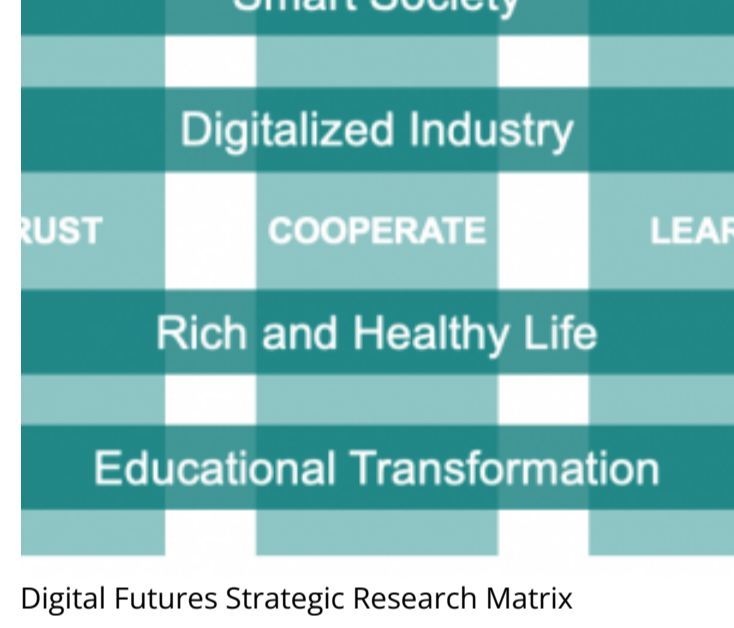
Digital Futures Strategic Research Matrix

Announcing calls for ISPP Postdoc Projects, Industrial Innovation Projects and Societal Innovation Projects

- ISPP Postdoc projects must have a duration of 2 years.
- IIPs can be at most 3 years in duration.
- Societal Innovation Projects can be at most 2 years in duration.

Submission deadline: 11 Dec 2023

[More information and how to apply](#)



Digital Futures Strategic Research Matrix

Open call: ISPP Mobility Grants

ISPP (Industrial and Societal Partnership Program) Mobility Grants are targeted at preparing/initiating new interactions between Digital Futures faculty and representatives of ISPP members. Applications are possible every three months.

Next deadline: 15 December 2023

[Open call: ISPP Mobility Grants](#)



Call for Papers for the ICT4S 2024 conference is open!

The conference aims to create discussion and movement towards fundamental change in ICT systems among researchers focusing on ICT effects on sustainability and developers of sustainable ICT systems or applications.

Submission deadline: January 26, 2024

[Find out more on ICT4S 2024 Call for papers](#)

Digital Futures seminars & workshops

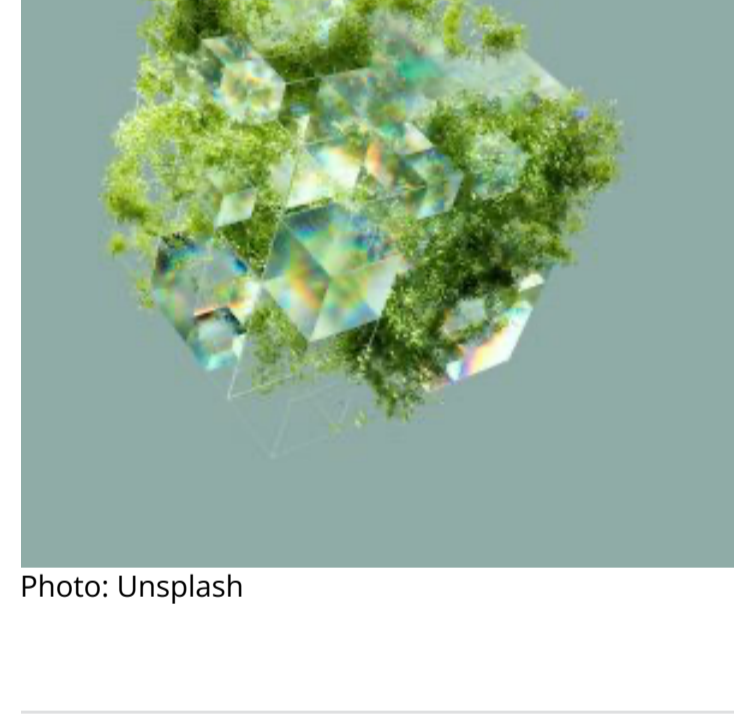


Photo: Unsplash

International conference on Digitalization and Artificial Intelligence in Agricultural Management, 15-17 November 2023

When: 15-17 November 2023
Where: Digital Futures hub
You can still register by sending your name, affiliation and position to aiagriculture.conf@gmail.com

[International conference on Digitalization and Artificial Intelligence in Agricultural Management, 15-17 November 2023](#)



Nan Yang

Digital Futures and IEEE ComSoc Distinguished Lecture: Nan Yang, Australian National University, Australia

When: 23 Nov 2023, 13:00-14:00 CET
Where: Gustaf Dhalander room 1320, Teknikringen 31, Stockholm OR Zoom
Title: Enabling Terahertz Communications Towards 6G and Beyond Era

[Distinguished Lecture: Nan Yang](#)



Data-limited Learning Workshop

When: 24 Nov 2023, 09:00-17:30 CET followed by dinner
Where: Digital Futures hub
The workshop is part of the Digital Futures project Data-limited Learning of Complex Dynamical Systems.

By invitation only - if you would like to join, please get in touch with Anubhab [anubhabg@kth.se].

[Data-limited Learning Workshop](#)



Venu Veeravalli

Distinguished Lecture: Venu Veeravalli, University of Illinois at Urbana-Champaign

When: 4 Dec 2023, 10:00-11:00 CET
Where: Digital Futures hub OR Zoom
Title: Quickest Change Detection for Monitoring Pandemics
The goal is to explore how quick change detection can be used in detecting the onset of a new wave of an existing pandemic using test positivity rate data.

[Distinguished Lecture: Venu Veeravalli](#)



Photo: World Childhood Foundation

How can research on AI be used to combat child sexual abuse?

When: 5 Dec 2023, 10:00-13:00 CET
Where: Digital Futures hub OR Zoom
How can researchers help protect children from sexual abuse? What do the current research and initiatives look like in this area?
Co-sponsored by Digital Futures.

[How can research on AI be used to combat child sexual abuse?](#)

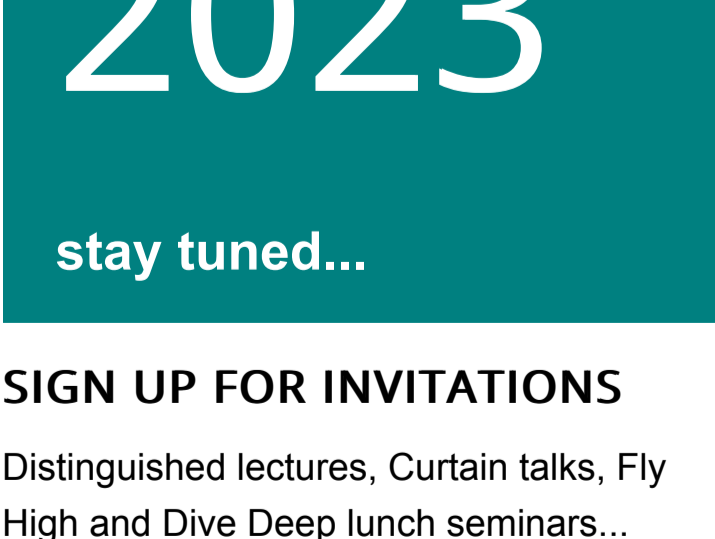


Archive - recorded talks

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 2023.

[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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