

digital futures

NEWSLETTER DECEMBER 2024



Season's Greetings and Highlights of 2024

As 2024 draws to a close, we reflect on an inspiring year at Digital Futures, marked by impactful projects, collaborations, and events that continue to shape the future of digital technology and innovation...

Karl H. Johansson, Director Digital Futures concludes the past year



Updates: New Calls, Funding Opportunities, and Digital Futures Progress

A new call for flagship projects will open in early 2025, with selected initiatives starting in January 2026. Seed funding of 100,000 SEK will also be available for the first ten ERC application submissions, awarded on a first-come, first-served basis. Additionally, the ISPP Mobility Grant will return as a year-round opportunity, and strategic workshops for the Digital Futures Retreat are planned for spring 2025 to advance critical projects...

More on latest updates



Exploring Interactive Technologies for Health and Well-Being: A Conversation with Lucca Geurts

From August to December 2024, Lucca Geurts, Associate Professor at KU Leuven (Belgium), is joining Digital Futures as a Scholar in Residence, hosted by Madeline Balaam. Lucca brings extensive expertise in Human-Computer Interaction, with a focus on designing interactive sensor-actuator systems that incorporate tangible and playful elements...

Conversation with Lucca Geurts



Bridging physics, mathematics, and computing: An interview with Gustaaf Jacobs

Professor Gustaaf Jacobs, Scholar in Residence at Digital Futures from October 2024 to January 2025, is a leading expert in scientific computing and the physics of turbulent flows, chemically reacting systems, and aerodynamics. In this interview, he shares his insights into multi-scale modeling, his interdisciplinary research journey, and the collaborative future of scientific computing.

Interview with Gustaaf Jacobs



Seminar Recap: Digital Futures for Education – Knowledge, Sense, and Sensibility in the Age of AI

On November 27, the Digital Futures for Education series hosted a debate, bringing together two distinguished professors and an engaged audience to explore the evolving relationship between education, technology, and professional judgment in the age of artificial intelligence (AI).

The debate featured Jonna Bornemark, Professor of Philosophy at Södertörn University, and Nina Wormbs, Professor in the History of Technology at KTH. Both are well-known Swedish intellectuals often heard on the radio and elsewhere...

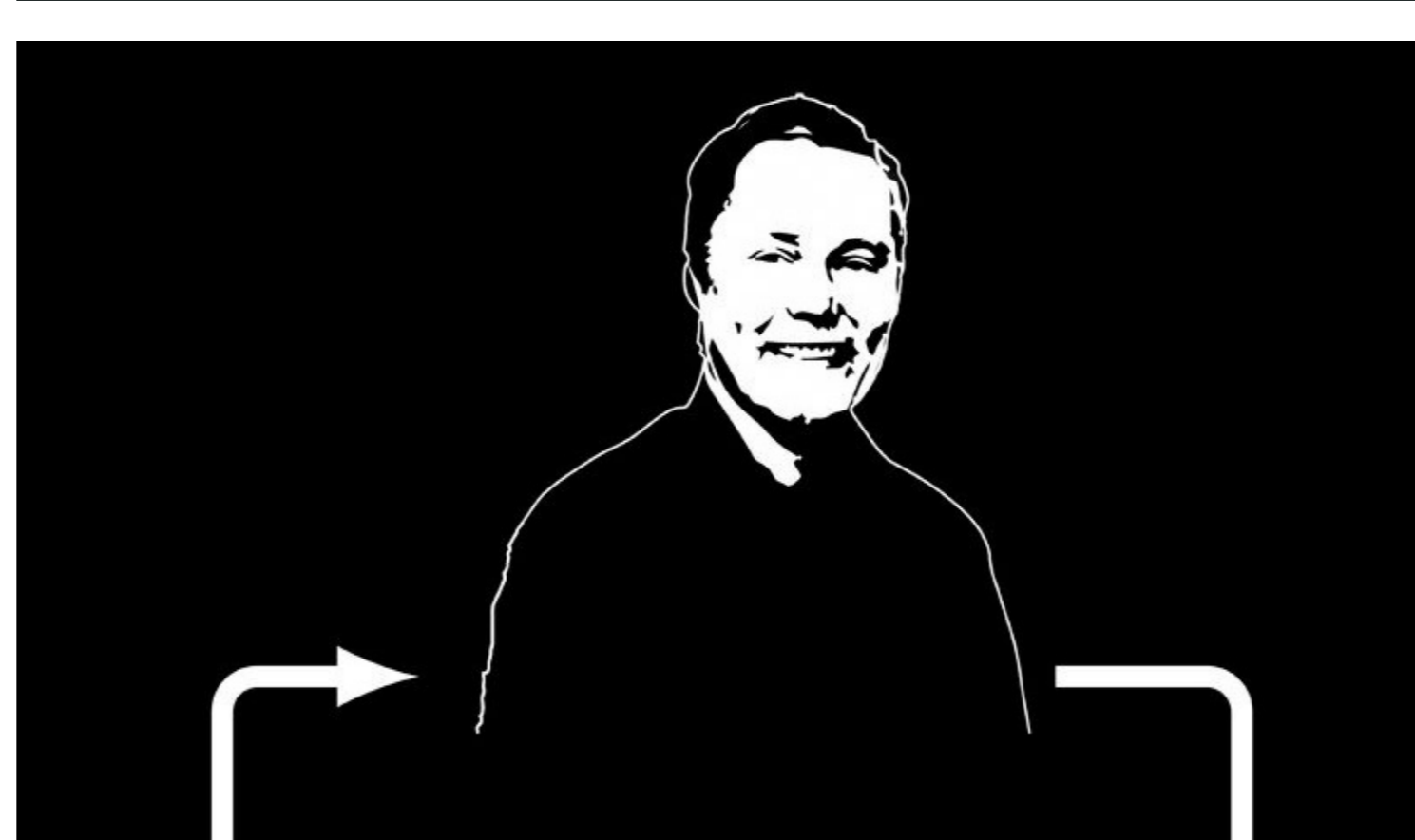
Seminar Recap: Digital Futures for Education



Integrating Psychology and AI: Robert Johansson on Machine Psychology and the Path to AGI

Robert Johansson is an Associate Professor at Stockholm University and a faculty member at Digital Futures. He is the creator of Machine Psychology, a new interdisciplinary field that combines insights from learning psychology and adaptive AI systems. Robert recently presented his second PhD thesis, this time in computer science, titled Empirical Studies in Machine Psychology, at Linköping University...

Integrating Psychology and AI: Robert Johansson



New episode of inControl podcast!

In the latest episode of inControl podcast Digital Futures Director Karl H. Johansson takes us on a journey through hybrid systems, wireless and event-based control, mobility applications, cybersecurity, and societal-scale challenges. Dive into the future of control systems!

inControl podcast with Karl H. Johansson



Call for Abstract Deadline: 18 December 2024

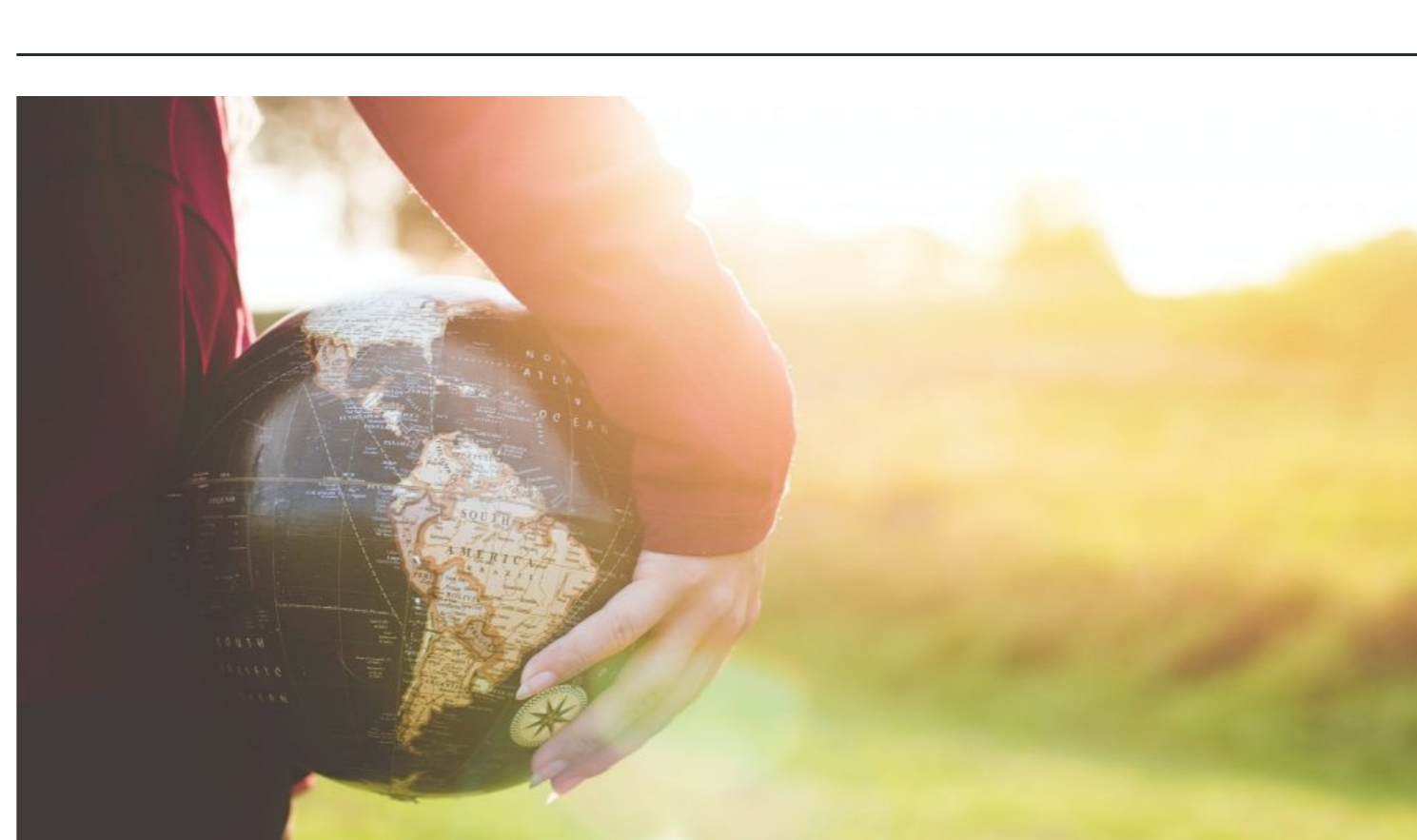
Welcome to the 2nd Digital Futures Young Scientist Conference on 20 February 2025!

Join us for a single-day event where PhD students and postdocs working with Digital Futures affiliated faculty members have the opportunity to showcase their ideas during poster sessions.

Attend a keynote focusing on the benefits and risks of AI and join a workshop with a TEDx coach giving attendees a set of tools towards better presentation skills. The Wallenberg Initiative will also host a panel discussion on start-up funding.

For submission guidelines, registration (no cost), program, venue and questions go to Digital Futures Young Scientist Conference website.

Young Scientist Conference website



Open call: Scholar-in-Residence programme

The programme aims to provide established research leading scholars at non-Swedish universities with financial support to enable short and longer-term visits to the Digital Futures environment.

This is a reoccurring call with applications every three months. Upcoming deadlines are as follows:

- 10 March 2025
- 26 May 2025
- 15 September 2025
- 10 November 2025
- 2 March 2026

Digital Futures Scholar-in-Residence programme

Upcoming events in 2024

Interested in exciting seminars, workshops and distinguished guest speakers? Check out Digital Futures event calendar!



SEMINAR: Relational information modeling foundations of systems

When: 19 December 2024, 14:00-15:00 CET
Speaker: Eswaran Subrahmanian, Carnegie Mellon University

Zoom: <https://kth-se.zoom.us/j/69560887455>

The primary hypothesis of this talk is that information structures play an important part in representing the world to make sense...

Host: Sebastiaan Meijer, smeijer@kth.se

Administrator: Mario Romero, marior@kth.se

19 December

More information

In our ARCHIVE, you can watch most of the talks again...and again...

Subscribe to Digital Futures Youtube channel

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.

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