Digitalize in Stockholm 2025

A glimpse of research and innovation on AI everywhere

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When you come to Stockholm to study, you may hear about the research and innovation happening at the universities and companies in the area. Would you like to know more and meet researchers, industry leaders and innovators, then Digitalize in Stockholm, taking place every fall, is a great opportunity for you. The theme this year, AI Everywhere, showed us that cloud, networks and HPC are key components of the technology development today.

Get involved with Digitalize in Stockholm

Digitalize in Stockholm is an annual conference in Stockholm for the academia, industry, public sector, and civil society, engaging in transformation through digitalization. Digitalize in Stockholm was arranged for the first time in 2019, since then the event is growing every year with participants from all-over the world taking part in keynotes, panels, demos, and discussions.

The conference is free of charge, and open for everyone – including of course the students at KTH. It is a unique opportunity for the master students to get a glimpse of the research and innovation landscape of Stockholm, in the broad area of digitization, including technologies connected to learning, trusts and communication, and application areas of smart society, digitalized industry, healthcare and education.

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This year I was honored to be part of the organization committee, together with professors, researchers and stakeholders from the Digital Future research centre.

AI Everywhere

The theme of this year's conference was AI EVERYWHERE, Exploring the Challenges, Risks, and Opportunities of Autonomous Systems. Autonomous, interconnected AI agents may lead to a transformative shift in what technology can provide and how it interacts with the word around us. By managing complex tasks without human supervision, this technology can reshape healthcare, education, transportation, ICT as well as traditional industries. At the conference experts discussed the potential of AI, addressing not only the scientific and technical challenges but also the societal and ethical dilemmas posed by this evolving technology.

The conference has more than 700 participants this year. The single day program was extremely dense, with four keynotes, three panels and four poster sessions, displaying more than 80 research projects. In the exhibition area visitors could talk to representatives of international companies from the Stockholm region, as well as with grant agencies.

My favorites of the day were the keynotes, where we could see technology in action, which I thought will exist only in the future. Dr. Gao Yujia from National University Hospital in Singapore presented their digital healthcare solutions leveraging wireless networks and AI. Mar Gonzalez-Franco from Google talked about Human-AI symbiosis with XR, Marcus Weiland from Savantic discussed the possibilities of physical AI, and Joakim Appelquist from the Royal Swedish Academy of Engineering Sciences presented a new report on Sweden's technology landscape.

Cloud, Networking and HPC at Digitalize in Stockholm

For the Achieve students the keynote about the National University Hospital in Singapore must have been very encouraging. In his talk Dr. Gao Yujia showed us how do they use extended reality solutions in real time to make informed decisions during difficult surgeries. Guess what technologies do you need for such a solution! Not a single element of the Achieve master program is unnecessary!

Several of the research projects presented in the poster sessions were also very relevant of our students. They could hear for example about HPC for science, digital twins, networked AI, edge computing for smart cities and autonomous vehicles.

See you soon!

Digitalize in Stockholm is just one of the events when students of KTH can get involved in research and innovation, related to cloud, networking or HPC. Research centres, like Digital Futures, TECoSA or PDC Center for High Performance Computing have regular seminars open to the public, and summer research programs for ambitious students. Are you interested in research and research driven innovation, we hope to see you soon!

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