

## EECS Research & Impact Day 2025 – Program Overview



Figure: Collage with the speakers at the EECS Research & Impact Day 2025.

*The school of Electrical Engineering and Computer Science EECS perform research in 15 Divisions and the Departments of; Computer Science, Electrical Engineering, Intelligent Systems and Human Centered Technology. The EECS Research & Impact Day targets all researchers at EECS and aims to highlight and share recent research, and inspire to new ideas and collaborations. For the overall theme is on Digital Futures with AI for Science and Discovery and research will be discussed within four panel sessions.*

**Date and time:** **Tuesday 19 August, 13-16** (networking lunch and exhibition from 1130).

**Address and registration:** Alfvénsalen, KTH, [www.kth.se/EECS-ResearchImpact2025](http://www.kth.se/EECS-ResearchImpact2025)

## Program overview Research & Impact Day 2025 with panel speakers

### *Introduction (13.00)*

- Opening remark: Ann Lantz, Head of School EECS.
- Welcome note: Lina Bertling Tjernberg, Moderator and Deputy Head of School EECS.

### *Panel A Outlook on Research and Science with Digital Futures*

- Director General Katarina Bjelke Swedish Research Council
- Monica Billger Professor and Director National Infrastructure for Visualization of data
- Hanifeh Khayyeri RISE Head of Data Science Department
- Björn Ottersten Professor KTH and University of Luxembourg
- Karl Henrik Johansson Professor and Director of Digital Futures
- Mikael Östling Professor and past Deputy President KTH

### *Panel B Space Mission Data and Plasma Physics with High Performance Computing*

- Christer Fuglesang Professor and Director of KTH Space Center
- Tomas Karlsson Professor Space Plasma Physics
- Svetlana Ratynskaia Professor in Plasma Physics
- Stefano Markidis Professor of High Performance Computing

### *Group picture, coffee break and poster exhibition networking (14.10-14.45)*

### *Panel C AI for Scientific Discovery and Engineering and Society from 6G to Genetic AI*

- Alexandre Proutiere Professor and Leader of the KTH Center for AI
- Cicek Cavdar Associate Professor in Wireless Communication
- Paris Carbone Associate Professor in Associate Professor in Data Systems
- Thomas Winkler Associate Professor in Micro and Nanosystems
- Hedvig Kjellström Professor in Computer Vision

### *Panel D Cyber Security and Privacy and Safety Critical Systems*

- Mathias Ekstedt Professor in Software Systems Architecture and Security
- Cyrille Artho Associate Professor in Software Engineering
- Tobias Oechtering Professor in Information Science and Engineering
- Henrik Sandberg Professor in Decision and Control Systems

### *Closure*

- “The ultimate sound synthesizer – your own voice!” Sten Ternström Professor in Music Acoustics and Voice Acoustics
- Best Poster Award Committee: Olle Bälter, Saikat Chatterjee and Jörg Conradt
- Closing remark Ann Lantz and Lina Bertling Tjernberg