



### **Karl H. Johansson**

*Professor, KTH Royal Institute of Technology*

*Director, Digital Futures*

**Address:** Digital Futures, KTH, 100 44 Stockholm, Sweden

**Telephone:** +46 73 4047321

**E-mail:** kallej@kth.se

**Internet:** [people.kth.se/~kallej](http://people.kth.se/~kallej)

### **Biography**

Karl H. Johansson is Swedish Research Council Distinguished Professor in Electrical Engineering and Computer Science at KTH Royal Institute of Technology and Director of Digital Futures. His research interest is in building safe autonomous systems making intelligent real-time decisions. He is known for his pioneering contributions in networked control systems and cyber-physical systems with impact in transportation, automation, and energy networks. In these areas he has extensive industrial and international collaborations and has co-authored more than 800 papers and supervised close to 100 postdocs and PhD students.

Karl H. Johansson has held visiting positions at UC Berkeley, Caltech, NTU Singapore among many other institutions. He is Vice President IEEE Control Systems Society, Past President of the European Control Association, and Executive Committee member of C3.ai Digital Transformation Institute. He has been awarded IEEE Control Systems Society Hendrik W. Bode Lecture Prize, Distinguished Professor by Swedish Research Council, Wallenberg Scholar with the Knut and Alice Wallenberg Foundation, Future Research Leader from the Swedish Foundation for Strategic Research, and the triennial IFAC Young Author Prize. He is Fellow of the IEEE and the Royal Swedish Academy of Engineering Sciences.

### **KTH and Digital Futures**

**KTH** was established in 1827 and is Sweden's largest and oldest technical university.

**Digital Futures** is a cross-disciplinary research center with the vision to shape a sustainable society through digital transformation. It was jointly established in 2020 by KTH, Stockholm University, and Research Institutes of Sweden based on significant long-term support by the Swedish Government. The center has grown to more than 200 research groups and is today one of Europe's largest research centers in the sciences for digital transformation. The researchers tightly collaborate across disciplines and with industrial and societal partners in more than 150 research projects, in many cases using the City of Stockholm as a living lab to demonstrate and evaluate new digital innovations.