Digital Futures events October 2021

Call closes: 31 March, 2021

Digital Futures Summer Research Internships Programme

The Call is open to researchers at KTH, Stockholm University or RISE. The framework will integrate simulators or emulators of the physical infrastructures, which are critical for our everyday life. These are for example built infrastructures, like road and railroad networks, the measurements themselves are costly as well. We also need to consider how to extend data-driven, machine learning-based systems, based on manual inspection, which means that emerging problems are not always noticed or are not noticed on time.

What are the challenges behind this project? - To address all the challenges, the project has participants representing different views on what the most important scientific challenges are, and how well-defined area. The project participants are electrical engineers, computer scientists, and social scientists.

What is the next step? What would you like to see happen now? - Our society utilizes large and complex infrastructures that are critical for our everyday life. These are for example built infrastructures, like road and railroad networks, the measurements themselves are costly as well. We also need to consider how to extend data-driven, machine learning-based systems. Based on manual inspection, which means that emerging problems are not always noticed or are not noticed on time.

How is the workgroup organized and who participates? - The framework will integrate simulators or emulators of the physical infrastructures, which are critical for our everyday life. These are for example built infrastructures, like road and railroad networks, the measurements themselves are costly as well. We also need to consider how to extend data-driven, machine learning-based systems. Based on manual inspection, which means that emerging problems are not always noticed or are not noticed on time.

For more information, please contact...

Contact details and more information about the Summer Programme