

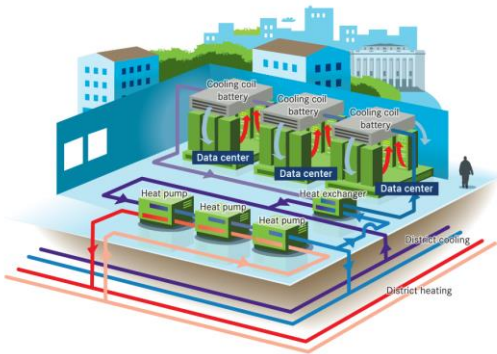


Four PhD Student Positions

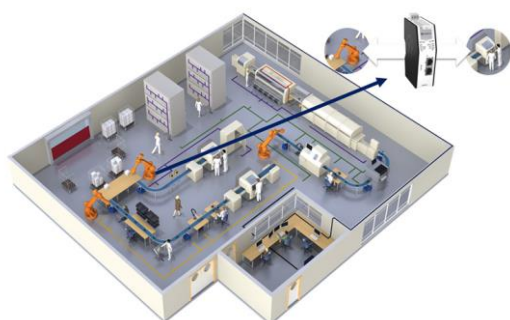
HÖGSKOLAN
I HALMSTAD

The Center for Applied Intelligent Systems Research <http://caisr.hh.se/> at Halmstad University, Sweden, is currently looking for **four PhD students** in the area of Information Technology, specialization **Data Mining**, to work within our research projects together with multiple industrial and public administration partners.

All PhD theses will be in the field of **data mining, machine learning and data analysis**, with focus on understanding streaming time-series data and detecting deviations by comparing one individual against a group of similar, but not identical systems. The projects will entail developing novel methods and algorithms for combining information, often uncertain, coming from different sources, discovering interesting relations in the available data, evaluating their usefulness, and finally exploiting resulting algorithms to increase efficiency and reliability. The research will be performed in close collaboration with our industrial and public administration partners.



The developed methods will be applied, in various projects, to several different types of data, collected in different settings. Examples include monitoring of sterilisers for surgical equipment, operation of district heating substations in a smart grid, communication of manufacturing equipment in a factory, maintenance and operation of heat pumps, patient flow in the hospital, and more.



The overall goal of the current and future research at CAISR is to investigate both data-driven and knowledge-driven methods for analysing collected information, and comparing different knowledge representations, in particular models that are general and models that build on the expert knowledge about the specifics of the domain.

For more information about the positions, projects and how to apply, please contact Sławomir Nowaczyk (slanow@hh.se) and Antanas Verikas (Antanas.Verikas@hh.se), or visit <http://islab.hh.se/OpenPositions>

The deadline for applications is **15th of June 2016**. All positions are fully funded for 4 or 5 years, with full employment benefits and an initial salary of 25000 SEK. The positions may include up to 20% teaching duties.

