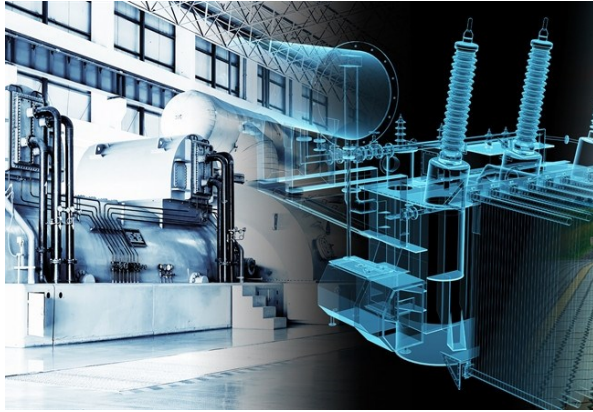


Digitalization of chemical reactors – KAAPO

Novel models with advanced monitoring are developed. In collaboration with schools of Electrical Engineering and School of Science, machine learning/statistical methods are utilized in the treatment of measurement data. In this study, real-time indicators of hidden phenomena are applied for real-time plant-wide optimization and control.



This research work is carried out in collaboration with the Department of Computer Science (Prof. Alexander Ilin, School of Sciences) and Department of Electrical Engineering and Automation (prof. Simo Särkkä, School of Electrical Engineering).

Researcher: James Kabuko