



Workshop Title: “Smart Energy: AI-powered Energy Monitoring and Sensing Applied to Coffee Machines”

Date: 02.09-06.09

Location: Satakunta University of Applied Sciences, Pori, Finland

Target Audience: Undergraduate students in Computer Science, Electrical Engineering, Mechanical Engineering, and related fields.

Workshop Overview: In this interactive workshop, we will dive into the exciting world of non-invasive sensing and energy monitoring, with a practical application example - a coffee machine! Through hands-on experiences, you will learn how to capture, evaluate, and utilize process data for improvement and efficiency gains.

What You Will Learn:

- Basics and applications of non-invasive sensing
- Introduction to energy monitoring systems
- Real-time data acquisition and analysis
- Building and training an AI model for predicting and optimizing process information
- Practical implementation of learned concepts on a coffee machine

Registration & Contact:

PXL: patrick.pilat@pxl.be

SAMK: marcel.van.geffen@samk.fi

FH-Aachen: hug@fh-aachen.de

Registration-Deadline: 15.07.2024

Cooperation





How to participate:

- Write a compact motivation letter
- Max. 1-2 DIN A4
- Submit before registration deadline!

Additional Information:

- **3 ECTS**
- **Limited number of participants**
- **The workshop is free of charge. Founding through the Erasmus+ programm is suggested.**

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