

# Bewertung von Batterie-Technologien für Internet-of-Things Anwendungen

## Motivation

Internet of Things is made possible by the advancement of sensor, data processing, and communication technologies that make ever-smaller low energy applications possible. However, even low energy applications require electricity to operate. Often, batteries constitute the limiting factor of such application.

## Task

The student shall, for a given example application, derive a requirements catalog for the power supply and search and evaluate different battery technologies and battery products against these requirements.

## Expected results

The expected result is an in-depth report on the chosen methodology and an evaluation of the identified batteries.

## Title English

- Evaluation of battery technologies for Internet of Things devices

**Level:** Bachelor thesis

## Methodology

- Literature research, online research

## Special prerequisites

- Some background on energy topics is recommended

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