# Introduction

This cross-validation aims at assessing the accuracy and objectivity of the application of selection criteria on relevant papers, which the primary investigator conducted. Cross-validator is responsible for **applying the criteria, included in this document, on a random sample of relevant papers**, and **reporting the results**. If the matching between cross-validation results and the set of papers selected by the primary investigator **falls below 80%**, the primary investigator will update the selection criteria based on the feedback and repeat the selection on the current set of accepted papers.

# Content of the cross-validation package

* Instructions (this document)
* A random sample of 17 papers
* A spreadsheet for recording the cross-validation result.

# Selection criteria

**Criterion 1: Include only research and engineering work.**

* Reject all secondary studies
* Reject all short and position papers (i.e., less than 4 pages)
* Reject all primary studies that do not include implementation and evaluation details, unless the study provides substantial details that can lead to the development of a prototype. These details include non-trivial architecture and algorithms.

**Criterion 2:** Include works that describe a specific mechanical or technique to apply BC in solving an IoT problem.

**Criterion 3:** When an author or a group of authors create a set of publications on the same system, only the latest and most comprehensive paper is included.

**Criterion 4:** Include works that adapt or optimise elements of BC, such as architecture, consensus mechanism, and mining, to make it suitable for IoT uses.

# Protocol

**Step 1:** Assess articles by title and abstract.

**Step 2:** Assess the remaining articles by full-text

**Step 3:** Assess the relevant full-text by their quality (i.e., exclude short papers, exclude the ones with trivial technical solution or no implementation)

*Input 1 for each accepted paper in the record. Input 0 and give a short comment for each rejected paper.*