

# Procedure for selection of papers and posters for presentation at the STI 2023 conference

Version: April 17, 2023

## 1. The STI 2023 Organising Committee

The Organising Committee of the 27th International Conference on Science, Technology and Innovation Indicators, 2023, hereinafter the Organising Committee:

- i) Sets up a Selection Committee,
- i) Determinates the minimum and maximum number of oral and posters presentations.

The Organising Committee decided to delegate to the Selection Committee its competencies to lay down:

- i) the review criteria used by the reviewers to assess each short research paper (hereinafter research paper) and poster contribution (see 2.1),
- ii) the selection criteria complementary to the review criteria to be used by the Selection Committee to make the final decision on each submitted research paper and poster contribution (see 2.2),
- iii) to select contributions for oral and poster presentation.

## 2. The selection procedure

The selection of research papers is a two-stage process:

- Review: For each research paper three reviewers are invited to independently make an assessment based on the reviewer criteria and to lay down their conclusions in short review reports;
- Selection: Based on the review reports and the selection criteria, the Selection Committee decides to accept the research paper for oral presentation, to accept it for poster presentation or not to accept it for presentation.

The selection procedure for poster contributions is similar with the exception that the final decision can only be accepted or not.

The authors of contributions accepted for oral or poster presentation need to confirm that they will give a presentation at the conference. The author that will give the presentation needs to register as a conference participant.

### 2.1 Review of research papers and poster contributions

The review criteria are:

1. Significance and originality of the contribution, in particular in the context of the scope of the conference;
2. Methodological rigor and soundness.

Reviewer are requested to succinctly provide their assessment of each of two criteria and, where relevant, provides suggestions for the authors to improve their contribution.

Based on these comments, the reviewer:

- Strongly recommends for oral / poster presentation,
- Weakly recommends for oral / poster presentation,
- Not recommends for oral / poster presentation.

## 2.2 Selection

If the Selection Committee is of the opinion that a review report is too weak (e.g. recommendation not supported by the comments in the review report; comments not sound or biased), it can make the duly motivated decision not to take the report into account.

For each research paper and poster contribution, the Selection Committee converts the reviewers' recommendation into a score: 2 for strongly recommended, 1 for weakly recommended and 0 for not recommended. The review score of a research paper or a poster contribution is the average of these scores.

### *a) The Selection Committee's first round*

In a first round the Selection Committee applies the following rules: a research paper or a poster contribution:

- with a review score of at least 1.33 is accepted,
- with a review score of 0.5 or less is not accepted,
- with a review score higher than 0.5 and less than 1.33 is subject to a case-by-case decision by the Selection Committee in the second round.

If in the first round the number of contributions accepted for oral or poster presentation is below or in excess of the conference capacity (see point 1), the Selection Committee has the authority to modify the above-mentioned threshold scores of 0.5 and 1.33.

### *b) The Selection Committee's second round*

For the research papers and poster contributions with a review score greater than 0.5 and less than 1.33, the Selection Committee makes a duly substantiated decision on a case-by-case basis:

- for research papers: to accept for an oral presentation; to accept for a poster presentation, not to accept;
- for poster contributions: to accept for a poster presentation, not to accept.

These decisions are based on:

- i) the review score;
- ii) the list of topics published on the conference website and the overall thematic balance of subjects covered by the research papers accepted for presentation;
- iii) the authors' country, mentioned in the contributions' by-line. Contributions submitted by authors from countries that are typically underrepresented (e.g. low- and middle-income countries) with comparable review scores are more likely to be selected than contributions from countries that are typically overrepresented (e.g. high-income countries). This criterion considers all authors co-signing a contribution.